

SEQUENCE LISTING

<110> Bangur, Chaitanya
 Fanger, Gary
 Wang, Aijun
 Wang, Tongtong
 Switzer, Anne
 McNeill, Patricia
 Clapper, Jonathan

<120> COMPOSITIONS AND METHODS FOR THE THERAPY AND
 DIAGNOSIS OF LUNG CANCER

<130> 210121.478C16

<140> US

<141> 2001-05-03

<160> 1926

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<211> 527

<212> DNA

<213> Homo sapien

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<212> DNA

<213> Homo sapien

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<213> Homo sapien

<400> 10

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<210> 11

<211> 472

<212> DNA

<213> Homo sapien

<400> 11

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cgaaataaat	accagactgt	ccactcctca	gcctaagggtc	cttctcaagt	cctgcacact	420
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<211> 371

<212> DNA

<213> Homo sapien

<400> 12

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<210> 13

<211> 493

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(493)

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<211> 540

<212> DNA

<213> Homo sapien

<400> 14

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<210> 15

<211> 421

<212> DNA

<213> Homo sapien

<400> 15

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<210> 16

<211> 236

<212> DNA

<213> Homo sapien

<400> 16

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<210> 17

<211> 424

<212> DNA

<213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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 cacaagagac ttaaaggaca ggaggaggag atgg 154

<210> 19
 <211> 445
 <212> DNA
 <213> Homo sapien

<400> 19
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<210> 20
 <211> 211
 <212> DNA
 <213> Homo sapien

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<210> 21
 <211> 396
 <212> DNA
 <213> Homo sapien

<400> 21
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<210> 22

<211> 277

<212> DNA

<213> Homo sapien

<400> 22

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<210> 23

<211> 634

<212> DNA

<213> Homo sapien

<400> 23

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<210> 24

<211> 512

<212> DNA

<213> Homo sapien

<400> 24

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<211> 461
 <212> DNA
 <213> Homo sapien

<400> 25

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<210> 26
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 <212> DNA
 <213> Homo sapien

<400> 26

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gtgtcattct	gagtcaattg	caattcctct	ctaggagtga	aaagagataa	aagataagcc	240
aagaaccctg	gacagattct	tggtgttggt	gacaaagagg	aaaggacctg	agaatggggc	300
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<210> 27
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 <212> DNA
 <213> Homo sapien

<400> 27

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ttcttccatt	attttttcct	cctaccactg	agttttgtaa	tgaattcctt	gtgtatacaa	180
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<210> 28
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 <212> DNA
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<400> 28

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<400> 29
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 aagaaacatt agaagtatga aaagtgttac aaaaacatgt ttctttttat tctcttggat 420
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<210> 30
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<400> 30
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<210> 31
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<400> 31
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 tgggggaagc catccaagag aagatccaag agaaggctgt gaagcgggag gacctgttca 120
 tcgtcagcaa gttgtggccc actttctttg agagacccct tgtgaggaaa gcctttgaga 180
 agacctcaa ggacctgaag ctgagctatc tggacgtcta tcttattcac tgg 233

<210> 32
 <211> 233
 <212> DNA
 <213> Homo sapien

<400> 32
 gaggaatgct ggactggagg cccctggagc cagatggcaa gagggtgaca gcttcctttc 60
 ctgtgtgtac tctgtccagt tcctttagaa aaaatggatg cccagaggac tcccaaccct 120
 ggcttggggc caagaaacag ccagcaagag ttaggggctt tagggcactg ggctgttgtt 180
 ccattgaagc cgactctggc cctggccctt acttgcttct ctactctctt agg 233

<210> 33
 <211> 319
 <212> DNA
 <213> Homo sapien

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<400> 33
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 catgatggct tcaggattcc aaagagagtg agagtagaag ctgaaagact tcttgagttc 180
 ttggcctgga actgggacta ggacagtgtc acttctgcta agttcttttg gtcagagcaa 240
 atcacaaggc tttacccaga ttcaagggat gagaaacaga ctacatgtct tgatgagggg 300
 aaccacaaag agcttgtgg 319

<210> 34
 <211> 340
 <212> DNA
 <213> Homo sapien

<400> 34
 tacagattta attcatgtta ttaactccct gccttttacc tcttccctcc tcccttggca 60
 caactgccag atggatgtgg ctggaagtca gaggacattc tcgtgggttc gtgggcctag 120
 ggtacaaatg acctcagcgt gacagcaaac aggacagaga agaccaggct cttactcagg 180
 aatccaccag ccaggagaat gacaatgttg aacaccggaa ccctgatgat atctgtcaca 240
 tttgtaagg tgaatttcaga gtcaggagtg gagacatcgg cagttgactt ggggtggagct 300
 tgggtcacag ttctggggct ggtatagagt gggcacaagg 340

<210> 35
 <211> 170
 <212> DNA
 <213> Homo sapien

<400> 35
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 ggcaggagaa tccacggatg taatgttttc acctttttcc ctgaggggtgc tttctgagga 120
 accagycctt aagaggtggg gtcttgatt cctgacccag gcgtccggca 170

<210> 36
 <211> 475
 <212> DNA
 <213> Homo sapien

<400> 36
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 ttgatctccc acacaaaaag agaaaataat atttatatgg aagtaatttt attttagtgt 180
 ttgtgattta ttgtggagag cagggtgttta aaaatttttag aatttcttta acaaaattct 240
 aaagagaaaa taaaaagaa atcacagtat ttacagagat aacagaatgg cttagccatg 300
 caaaacaaat aacttttggt tttccccttt tacttttggt taaatgttga ccaagattca 360
 attttttttc ctgccaaata aaacttcaat aaaagtttag aggcaaaata acgtattttc 420
 tttttttccc ataataattt atacagcatc gagtctaaga atattttatg cattt 475

<210> 37
 <211> 246
 <212> DNA
 <213> Homo sapien

<400> 37
 ccttgagctt gggccgggca ctgagggcgc ccacatatgc tgagagcagg gggaacgc 60

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ccaggcagcc aggggctagg acctcatgga tcagcagcaa gtccagcagg ttgtagtcag 120
 cgaaggagat ctggtctccc acaatgaagg tcttgccctcc ctgggtcttg gacagcaggg 180
 tctcaaaagg cttcagttgc ccgggcagtg ccttcacata gtcaccttg cccacctcat 240
 agttgg 246

<210> 38
 <211> 512
 <212> DNA
 <213> Homo sapien

<400> 38

gctggaagtg aaatgcagat cagacccatt gtgatgtcac agaaagatgg ggacaggcca 60
 aagaaaaaag tgactttcaa ctcttcttcc atcattttta tcatcaccag tgatgaatca 120
 ctgtcagttg acgacagcga caaaaccaat ggggccaaag ttgatgtaat ccaagttcgt 180
 cctttgtagg aatgaagaat ggcaacgaaa gatggggcct taaattggat gccacttttg 240
 gactttcatc ataagaagtg tctggaatac ccgttctatg taatatcaac agaaccttgt 300
 ggtccagcag gaaatccgaa ttgcccatac gctcttgggc ctccaggaaga ggttgaacaa 360
 aaacaaattc ttttaattca acgggtgctt tacataatga aaaaaccact tgtggcacac 420
 gatgggcac ctaacatcatc atcttctaat gtgttgagaga ttttcatttc aaatatattt 480
 tttaaattac tctattttcc aaaacacgta at 512

<210> 39
 <211> 370
 <212> DNA
 <213> Homo sapien

<400> 39

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 atgtactcga ctctgtccta tttagccttc ccatacctga cttctaatac cttttccttg 120
 tgccctycca tctccctaac cccccctcac agggatgcct cctcccaagg ctccagaaac 180
 tctgaccctc gactgctgg agggagccca tgaattgctg gtcaatatcg ctcatcctct 240
 akactccatc ctgctgtgctc ttcttcctac aagagctaga gaggcactga ctgataaata 300
 cctgtcacct gcccttttcc cagaggggtga aactccaccc actcccactg cagaaatgaa 360
 tcttaaatgg 370

<210> 40
 <211> 204
 <212> DNA
 <213> Homo sapien

<400> 40

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 ggagcagagc agacctgtt tttagtgggt ccatgggata aaatgggatt ggaggagcta 120
 gaagaattca gggctctggc caatctgcca gtcttctcga aatatcgaaa atacaccagg 180
 gctgctatat cagagccacc ctgg 204

<210> 41
 <211> 447
 <212> DNA
 <213> Homo sapien

<400> 41

caggcagcaa ttcgtaaaga attaaatgag tacaaaagta atgaaatgga ggtacatgca 60
 tcaagcaagc acttgacaag attccacagg ccatagagat tttcttctga gaagaatttg 120

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<400> 45

cgcggtgtctg	tggtatgtgt	acacgtgcat	gttctgcatg	tctgtaggtc	acacatgctt	60
tggtgcatgt	acacgtgtgt	gtgtgtatgc	gtgtaggagc	tcacacttgt	gtacacgttt	120
gtgtgcatgc	atgtgtgcag	gagcttgca	gtttgtggtg	ggtacatgta	catatgtgag	180
tgatcctgtg	tgcaagcccc	catgtggaca	tggtatgag	tgagcgtgga	gccaaaagcc	240
aggtaacacg	catgcagcag	gccactgtg	cgtgtctgag	acggctctgtg	gcagggactg	300
ggtgtgaatc	atgcagcagg	cccactgtgc	gtgtctgaga	cggctctgtg	cagggactgg	360
gtgtgaatca	gtgaccgtgt	ctctgaccaa	catgctgaat	tacaaattga	taatttatta	420
acctgtgcag	caacaaataa	gatttttcaa	aactcaacaa	agtgtctaaa	gttgacatta	480
cttgcttcaa	agtt					494

<210> 46

<211> 516

<212> DNA

<213> Homo sapien

<400> 46

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cttctattgc	taattttgtg	acctccaaag	ctttacttct	cggaacctcc	tcctttggcc	120
gtcatttgat	cattcaactc	tttgtcagtg	gcaactcccg	ctattttggt	gtgttggttt	180
gttactacac	agtgagcaca	aacatgggtg	tccaatacag	aggtctctcc	tgtcagggtg	240
caaccagaaa	gttcatctaa	cactgtgata	tttgcacct	tcttgaacag	ttgttggtg	300
aagattcatt	tgatgaatcg	atttttcaaa	agagatgatt	cttggttctt	ccgagcgctc	360
agctctcccg	ccgagcttct	ttgagacgtc	ctcagggtgc	ctttgacgat	gcgtcctcca	420
ctttcacaca	ctctagcatt	ccttcaactg	ggtcttcatt	gccccacatt	gggcagccag	480
gaatgttggg	gtgatcagac	acaacaccag	gtcatg			516

<210> 47

<211> 459

<212> DNA

<213> Homo sapien

<400> 47

ccaattcaga	gtggcattct	gcattttctgt	ggcttccaag	tcttagaacc	tcaactgaca	60
tatagcattg	ggcacactcc	agcagacgcc	cgaattcaaa	tcctggaagg	atggaagaaa	120
cgcttgagga	atattttgga	tgagacacca	ctgtattttg	ctccaagcag	cctctttgac	180
ctaaacttcc	aggcaggatt	cttaatgaaa	aaagaggtac	aggatgagga	gaaaaacaag	240
aaatttgccc	tttctgtggg	ccatcacttg	ggcaagtcca	tccaactga	caaccagatc	300
aaagctagaa	aatgagattc	cttagcctgg	atttccttct	aacatgttat	caaactctgg	360
tatctttcca	ggcttccctg	acttgcttta	gtttttaaga	tttgtgtttt	tctttttcca	420
caaggaataa	atgagaggga	atcgaksaaa	aaaaaaaaa			459

<210> 48

<211> 430

<212> DNA

<213> Homo sapien

<400> 48

cctatattca	gccacagcct	ctgggagtg	tgctgataat	cggagcttgg	aattaccct	60
togttctcac	cattcagcca	ctgataggag	ccatcgctgc	aggaaatgct	gtgattataa	120
agccttctga	actgagtga	aatacagcca	agatcttggc	aaagcttctc	cctcagtatt	180
tagaccagga	tctctatatt	gttattaatg	gtgggttga	ggaaaccacg	gagctcctga	240
agcagcgatt	tgaccacatt	ttctatacgg	gaaacactgc	ggttggaaca	attgtcatgg	300

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aagctgctgc caagcatctg acccctgtga ctcttgaact gggagggaaa agtccatgtt 360
 atattgataa agattgtgac ctggacattg tttgcagacg cataacctgg ggaaaataca 420
 tgaattgtgg 430

<210> 49
 <211> 288
 <212> DNA
 <213> Homo sapien

<400> 49
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 agctttggwg caattcccat cgaccagagt tgggccgacc agccttggaa aggtcactga 120
 aaaatcttca attggattat gttgacctct accttattca ttttccagtg tctgtaaagc 180
 caggtgagga agtgatccca aaagatgaaa atggaaaaat actatttgac acagtggatc 240
 tctgtgccac gtgggaggcc rtggagaagt gtaaagatgc aggattgg 288

<210> 50
 <211> 411
 <212> DNA
 <213> Homo sapien

<400> 50
 ccagagaatg acattcatgt ccccggtggat cccttgcaga gagtacatgg agccactgcc 60
 accagtgggtg atggaaagca ctgtcttctt actccggaag ggtcctttgt catacatggc 120
 agcgtaagt taagcaaact ctctatgaa cactcgctca aaccagcctt tcagaatggc 180
 agggactcca aaccactgca ggggggaactg gaatatcaca aggtctgcgg cttccagctt 240
 cttttgttca gccacaatat ctgggctcag atggccttct ttataagcca gaacagactc 300
 ggaggatac tgaaagttcg cagggtcctt cagtttacct gtgatgtcct ttctggaaat 360
 gatgggattg aagttcatgg catagaggtc cgactccacc acctcccatc c 411

<210> 51
 <211> 503
 <212> DNA
 <213> Homo sapien

<400> 51
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 ttgtgcaccc tccacaaaac atacaaagtt taaaagtttg gatctttttc tcagcaggta 120
 tcagttgtaa ataataaatt aggggccaaa atgcaaaacg aaaaatgaag cagctacatg 180
 tagttagtaa tttctagttt gaactgtaat tgaatattgt ggcttcatat gtattatttt 240
 atattgtact tttttcatta ttgatggttt ggactttaat aagagaaatt ccatagtttt 300
 taatatccca gaagtgaac aatttgaaca gtgtattcta gaaaacaata cactaactga 360
 acagaagtga atgcttatat atattatgat agccttaaac ctttttctct taatgcctta 420
 actgtcaaat aattataacc ttttaaagca taggactata gtcagcatgc tagactgaga 480
 ggtaaacact gatgcaatta aga 503

<210> 52
 <211> 503
 <212> DNA
 <213> Homo sapien

<400> 52
 gatattttat gattaaaaac aaattaaatt ttaaaacacc tgaagatata ttagaagaaa 60
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tcagttgtaa	ataatgaatt	agggggccaaa	atgcaaaacg	aaaaatgaag	cagctacatg	180
tagttagtaa	tttctagttt	gaactgtaat	tgaatattgt	ggcttcatat	gtattatttt	240
atattgtact	tttttcatta	ttgatggttt	ggactttaat	aagagaaatt	ccatagtttt	300
taatatccca	gaagtgagac	aatttgaaca	gtgtattcta	gaaaacaata	cactaactga	360
acagaagtga	atgcttatat	atattatgat	agccttaaac	ctttttcctc	taatgcctta	420
actgtcaaat	aattataacc	ttttaagca	taggactata	gtcagcatgc	tagactgaga	480
ggtaaact	gatgcaatta	aga				503

<210> 53

<211> 531

<212> DNA

<213> Homo sapien

<400> 53

tttttttttt	tttttaaaat	gaggatattt	tattattttca	ggtaattttc	ccagaggkga	60
gaatagtaca	tgggaaattc	tctttaggcc	aggtctagta	ttacagkgtg	gkgctcaagg	120
ccgcccata	gaacagtgat	actctcccaa	cagatttcat	ccaccccgtc	tccactaact	180
tttgccataa	aaattcctct	gaattgtatc	ttcttggaag	aagtaaata	ctgttcgact	240
atacaaagaa	acagagaagc	cactcccatt	gcaatcaatc	ttcaagagag	ggagcaggca	300
agccgtgttc	tttctgctga	gttttataga	ctctgacaag	ctgtgaaata	aacataaaca	360
gaagacaaaa	cagtgccaca	aataagcagt	agatgaccct	gtgacaagac	ggcattgcag	420
aacaaagact	gacgtttaaa	ggggagtcac	gcagagtaac	atgggaacac	aagcctgaca	480
acctggtcag	cttccactta	ctctagctcc	tttgaactct	caacactaaa	a	531

<210> 54

<211> 450

<212> DNA

<213> Homo sapien

<400> 54

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taaaatgaaa	aggcactctc	gtgttctcct	cactctgtgc	actttgctgt	tgggtgtgaca	120
aggcatttaa	agatgtttct	ggcattttct	ttttatttgt	aagggtgtgg	taactatggg	180
tattggctag	aaatcctgag	ttttcaactg	tatatatcta	tagtttgtaa	aaagaacaaa	240
acaaccgaga	caaacccttg	atgctccttg	ctcggcgttg	aggctgtggg	gaagatgcct	300
tttgggagag	gctgtagctc	agggcggtga	ctgtgaggct	ggacctgttg	actctgcagg	360
gggcatccat	ttagcttcag	gttgtcttgt	ttctgtatat	agtgacatag	cattctgctg	420
ccatcttagc	tgtggacaaa	gggggggtcag				450

<210> 55

<211> 648

<212> DNA

<213> Homo sapien

<400> 55

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caagtcaaaa	gacattgttc	tggttgccta	tagtgctctg	ggatcccacc	gagaagaacc	180
atgggtggac	ccgaactccc	cggtgctctt	ggaggaccca	gtcctttgtg	ccttggcaaa	240
aaagcacaag	cgaacccag	ccctgattgc	cctgcgctac	cagctrcagc	gtggggttgt	300
ggtcctggcc	aagagctaca	atgagcagcg	catcagacag	aacgtgcagg	tgtttgaatt	360
ccagttgact	tcagaggaga	tgaagccat	agatggccta	aacagaaatg	tgcgatattt	420
gacccttgat	atttttgctg	gccccctaa	ttatccattt	tctgatgaat	attaacatgg	480
agggcattgc	atgaggtctg	ccagaaggcc	ctgcgtgtgg	atgggtgacac	agaggatggc	540

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<210> 56
<211> 536
<212> DNA
<213> Homo sapien
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<210> 57
<211> 391
<212> DNA
<213> Homo sapien
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<210> 58
<211> 455
<212> DNA
<213> Homo sapien
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<210> 59
<211> 398
<212> DNA
<213> Homo sapien
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<221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 59

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aatagatcgc	ggattcaggt	gtggctctat	gagcaagtga	atatgcggat	agaaggctgt	180
atcattgggt	ttgatgagta	tatgaacctt	gtattagatg	atgcagaaga	gattcattct	240
aaaacaaagt	caagaaaaca	actngntcgg	atcatgctaa	aaggagataa	tattactctg	300
ctacaaagtg	tctccaacta	gaaatgatca	atgaagttag	aaattgttga	gaaggataca	360
gtttgttttt	agatgtcctt	tgtccaatgt	gaacattt			398

<210> 60
 <211> 532
 <212> DNA
 <213> Homo sapien

<400> 60

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gatatgcctg	ggtgagccta	ggaggggaag	ctctgatttg	gatttctcca	gtcaaagctc	180
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tggaaggggc	tcaaccccga	tttggagaga	agtttgggat	ggagtgggag	agagattgag	420
agagcgagca	ggaaaagagg	tcttggagcc	tgggactgat	ggtggataag	gcctggaaaag	480
aasatgacsa	ggaggaggag	agagggaagt	gggtggatga	ggagcaggct	ga	532

<210> 61
 <211> 466
 <212> DNA
 <213> Homo sapien

<400> 61

gcgacggcga	cgtctctttt	gactaaaaga	cagtgtccag	tgctccagcc	taggagtcta	60
cggggaccgc	ctccgcgcgc	gccaccatgc	ccaacttctc	tggcaactgg	aaaatcatcc	120
gatcggaaaa	cttcgaggaa	ttgctcaaag	tgctgggggt	gaatgtgatg	ctgaggaaga	180
ttgctgtggc	tgacgcgtcc	aagccagcag	tggagatcaa	acaggaggga	gacactttct	240
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ttgaggagca	gactgtggat	gggaggccct	gtaagagcct	ggtgaaatgg	gagagtgaga	360
ataaaatggt	ctgtgagcag	aagctcctga	agggagaggg	ccccaagacc	tcgtggacca	420
gagaactgac	caacgatggg	gaactgatcc	tgaccatgac	ggcgga		466

<210> 62
 <211> 548
 <212> DNA
 <213> Homo sapien

<400> 62

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acataaccaca	agagaagtta	atttcttaac	attgtgttct	atgattattt	gtaagacctt	120
caccaagttc	tgatatcttt	taaagacata	gttcaaaatt	gcttttgaaa	atctgtattc	180
ttgaaaatat	ccttgttgtg	tattaggttt	ttaaatacca	gctaaaggat	tacctcactg	240

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agtcacacagt accctcctat tcagctcccc aagatgatgt gtttttgctt accctaagag 300
aggtttttctt cttattttta gataattcaa gtgcttagat aaattatgtt ttctttaagt 360
gtttatggta aactctttta aagaaaattht aatatgttat agctgaatct ttttggtaac 420
tttaaatctt tatcatagac tctgtacata tgttcaaatt agctgcttgc ctgatgtgtg 480
tatcatcggg gggatgacag aacaaacata tttatgatca tgaataatgt gctttgtaaa 540
aagatttc 548

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```

<210> 63
<211> 547
<212> DNA
<213> Homo sapien

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```

<400> 63
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atcttgcagc atttttctta aggctatgct tcagtttttc tttgtaagcc atcacaagcc 180
atagtggtag gtttgccctt tggtagagaa ggtgagttta agctggtgga aaaggcttat 240
tgcattgcat tcagagtaac ctgtgtgcat actctagaag agtagggaaa ataagtcttg 300
ttacaattcg acctaataatg tgcattgtaa aataaatgcc atatttcaa caaaacacgt 360
aattttttta cagtatgttt tattaccttt tgatatctgt tgttgcaatg ttagtgatgt 420
tttaaaatgt gatcgaaaat ataatgcttc taagaaggaa cagtagtgga atgaatgtct 480
aaaagatctt tatgtgttta tgggtctgcag aaggattttt gtgatgaaag gggatttttt 540
gaaaaat 547

```

```

<210> 64
<211> 528
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(528)
<223> n = A,T,C or G

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<400> 64
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tgcaactggc gatgctgac argagccaac aggaataaac rcggagatct gkctcctgcc 180
cctagactac kgaccctgcc kggccctact tytcogytac tactacgaca ggyacacgca 240
gagctgccgc cwgttcctgk rckggggctg crasggcaac rccaacwatt yctacacckg 300
kgaggmttrc gackatgctw gstggargat agaaaaagtt cccaaasttt gccggctgma 360
agtgaatgag gacnaccagg gtgaggggta cacagataag tatttcttta atctaakkwc 420
catgacatgw gaaaaattct ttncgggtgg gngtcaccgg accggattga gaacangttt 480
gcagatgang ctactgggat gggctcctgc rcacnaaaga aantatca 528

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<210> 65
<211> 547
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

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0949626-050301

<400> 65

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gaatcaaagt	tgtcaagcac	ccaatatattg	aaaggagagg	agatgatttg	tacacaaatg	180
tgacagtctc	attagttgag	tactggttg	gctttgagat	ggatattact	cacttggatg	240
gtcacaaggt	acatatattcc	cgggataaga	tcaccaggcc	aggagcgaag	ctatggaaga	300
aaggggaagg	gctccccaac	tttgacaaca	acaatatcaa	gggctctttg	ataatcactt	360
ttgatgtgga	ttttccaaaa	gaacagttaa	cagaggaagc	gagagaangt	atcaaacagc	420
tactgaaaca	agggtcagtg	cagaagggtat	acaatggact	gcaaggatat	tgagagtgaa	480
taaaattgga	ctttgtttta	aataaagtga	ataagcgata	tttattatct	gcaaggtttt	540
ttttgtg						547

<210> 66

<211> 535

<212> DNA

<213> Homo sapien

<400> 66

ggggaggtct	acgcttctag	agcttgagcc	agcggggcga	ccctgcagtg	gcaggactcg	60
gcaccgcgcc	ctccaccgcc	ggttgggtggc	ctgcgtgaca	gtttcctccc	gtcgacatcg	120
aaagggaagcc	ggacgtgggc	gggcagagag	cttcatcgca	gtaggaatgg	cagccccatc	180
tatgaaggaa	agacaggtct	gctggggggc	ccgggatgag	tactggaagt	gtttagatga	240
gaacttagag	gatgcttctc	aatgcaagaa	gttaagaagc	tctttcgaat	caagttgtcc	300
ccaacagtgg	ataaaatatt	ttgataaaaag	aagagactac	ttaaaattca	aagaaaaatt	360
tgaagcagga	caatttgagc	cttcagaaac	aactgcaaaa	tcctaggctg	ttcataaaga	420
ttgaaagtat	tctttctgga	cattgaaaaa	gtccactga	ctatggaaca	gtaatagttt	480
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<210> 67

<211> 527

<212> DNA

<213> Homo sapien

<400> 67

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tccaaatctg	cattgccggt	gagatcctca	acatcagcat	gttgagatgg	acctcaacct	180
cacctctaac	cctgaaacac	actactcgat	attatcttag	gtatgtttta	gggttttagtt	240
tgtaaaataa	taattttattt	ttgaaggaaa	tataaaatat	taaagagtaa	taatagctat	300
cattttttta	gattcaatct	aaaacaatgg	actctttttt	tttccatttg	tgatgtagat	360
aagcaagaca	attttgatca	tgagtgggtga	aaagaggatc	aaacttgact	attcttgcaa	420
tggcagtgca	gcaacaagcc	tttcattttac	attaaattat	aacttttcat	tcatttcctaa	480
accaaactta	aaattctgct	ttccttttgag	tagaagggtat	ttaactt		527

<210> 68

<211> 431

<212> DNA

<213> Homo sapien

<400> 68

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aaaataaaaa	gcgggaattt	tcccttcgct	tgaatattat	ccctgtatat	tgcatgaatg	120
agagattttcc	catattttcca	tcagagtaat	aaatataactt	gctttaattc	ttaagcataa	180

K0E050" 92964860

gtaaacatga	tataaaaaata	tatgctgaat	tacttgtgaa	gaatgcattt	aaagctattt	240
taaatgtgtt	tttatttgta	agacattact	tattaagaaa	ttggttatta	tgcttactgt	300
tctaattctgg	tggtaaagggt	attcttaaga	atttgcaggt	actacagatt	ttcaaaactg	360
aatgagagaa	aattgtataa	ccatcctgct	gwtccttttag	tgcaatacaa	taaaactctg	420
aaattaaaac	t					431

<210> 69
 <211> 399
 <212> DNA
 <213> Homo sapien

<400> 69						
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agagccccaa	aaagaagaac	cagcagctga	aagtgcggat	cctacacctg	ggcagcagac	120
agaagaagat	caggatacag	ctgagatccc	agtgcgcgac	atggaagggt	atctgcaaga	180
gctgcatcag	tcaaacaccg	gggataaatc	tggttttggg	ttccggcgctc	aagggtgaaga	240
taatacctaa	agaggaacac	tgtaaaatgc	cagaagcagg	tgaagagcaa	ccacaagttt	300
aaatgaagac	aagctgaaac	aacgcaagct	ggttttatat	tagatatttg	acttaaacta	360
tctcaataaa	gttttgcagc	tttcaccaar	aaaaaaaa			399

<210> 70
 <211> 479
 <212> DNA
 <213> Homo sapien

<400> 70						
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tgagacacgg	cggacacaca	caaacacaga	accacacagc	cagtcccagg	agcccagtaa	120
tggagagccc	caaaaagaag	aaccagcagc	tgaaagtcgg	gacccctacac	ctgggcagca	180
gacagaagaa	gatcaggata	cagctgagat	cccagggtgt	gggaagggaa	atgcgcgaca	240
tggaagggtga	tctgcaagag	ctgcatcagt	caaacaccgg	ggataaatct	ggatttgggt	300
tccggcgctca	aggtgaagat	aatacctaaa	gaggaacact	gtaaaatgcc	agaagcaggt	360
gaagagcaac	cacaagttta	aatgaagaca	agctgaaaca	acgcaagctg	gttttatatt	420
aggatatttg	acttaaacta	tctcaataaa	gttttgcagc	tttcaccaa	aaaaaaaa	479

<210> 71
 <211> 437
 <212> DNA
 <213> Homo sapien

<400> 71						
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agaactctca	caaaggacc	agacacagt	rgcaccatgg	gacagtgtcg	gtcagccaac	120
gcagaggatg	ctcaggaatt	cagtgatgtg	gagagggcca	ttgagaccct	catcaagaac	180
tttcaccagt	actcctgga	gggtgggaag	gagacgctga	ccccttctga	gctacgggac	240
ctggtcaccc	agcagctgcc	ccatctcatg	ccgagcaact	gtggcctgga	agagaaaatt	300
gccaacctgg	gcagctgcaa	tgactctaaa	ctggagttca	ggagtttctg	ggagctgatt	360
ggagaagcgg	ccaagagtgt	gaagctggag	aggcctgtcc	gggggcactg	agaactccct	420
ctggaattct	tggggggg					437

<210> 72
 <211> 561
 <212> DNA
 <213> Homo sapien

<400> 72

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tttattgcct	tcagatcctc	tacaaagaaa	agtgtgcagt	acgacgatgt	accagaatac	180
aaagacagat	tgaacctctc	agaaaactac	actttgtcta	tcagtaatgc	aaggatcagt	240
gatgaaaaga	gattttgtgtg	catgctagta	actgaggaca	acgtgtttga	ggcacctaca	300
atagtcaagg	tgttcaagca	accatctaaa	cctgaaattg	taagcaaagc	actgtttctc	360
gaaacagagc	agctaaaaaa	gttgggtgac	tgcatttcag	aagacagtta	tccagatggc	420
aatatcacat	ggtacaggaa	tggaaaagtg	ctacatcccc	ttgaaggagc	ggtgggtcata	480
atTTTTTaaa	aggaaatgga	cccagtgact	cagctctata	ccatgacttc	cacctgggag	540
tacaagacaa	ccaaggctga	c				561

<210> 73

<211> 916

<212> DNA

<213> Homo sapien

<400> 73

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cactctggga	acctataaag	gcaggatatt	cgggccctcc	tcttcaggaa	tcttcctgaa	120
gacatggccc	agtcgaaggc	ccaggatggc	ttttgctgcg	gccccgtggg	gtaggagggga	180
cagagagaca	gggagagtca	gcctccacat	tcagaggcat	cacaagtaat	ggcacaattc	240
ttcggatgac	tgcagaaaat	agtgttttgt	agttcaacaa	ctcaagacga	agcttatttc	300
tgaggataag	ctcttttaaag	gcaaagcttt	atTTTcatct	ctcatctttt	gtcctcctta	360
gcacaatgta	aaaaagaata	gtaatatcag	aacaggaagg	aggaatggct	tgctggggag	420
cccattccagg	acactgggag	cacatagaga	ttcacccatg	tttgttgaac	ttagagtcac	480
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tgtataacaac	atagcccaa	atatagtaag	atctatacta	gataatccta	gatgaaatgt	600
tagagatgct	atatgatata	actgtggcca	tgactgagga	aaggagctca	cgcccagaga	660
ctgggctgct	ctcccggagg	ccaaacccaa	gaaggtctgg	caaagtcagg	ctcagggaga	720
ctctgccctg	ctgcagacct	cgggtgtggac	acacgctgca	tagagctctc	cttgaaaaca	780
gaggggtctc	aagacattct	gcctacctat	tagcttttct	ttattttttt	aacttttttg	840
ggggaaaagt	atTTTTtgaga	agtttgtctt	gcaatgtatt	tataaatagt	aaataaagtt	900
tttaccatta	aaaaaa					916

<210> 74

<211> 547

<212> DNA

<213> Homo sapien

<400> 74

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ttttcttcag	taaaccacac	aatagtctaa	ccttaaaaaat	tgagttgatg	tccttatagg	180
tcactacccc	taaataaacc	tgaagcaggt	gttttctctt	ggacatacta	aaaaatacct	240
aaaagggaagc	ttagatgggc	tgtgacacaa	aaaattcaat	tactgtcatc	taatgccagc	300
tgttaaaagt	gtggccactg	agcattttgat	tttataggaa	aaaatagtat	ttttgagaat	360
aacatagctg	tgtatttgca	catctgttgg	aggacatccc	agatttgctt	atactcagtg	420
cctgtgatat	tgagtttaag	gatttgaggc	aggggtaatt	attaaacata	ttgcttctat	480
tcttggaaaa	atagaagkgt	aaaatgttaa	taatacaaat	gtcactgtga	cctcctccac	540
tgagagg						547

<210> 75

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<211> 793
 <212> DNA
 <213> Homo sapien

<400> 75
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 tgaccttaga aaattgtgag agccaagttg acttcaggaa ctgaaacatc agcacaaga 180
 agcaatcatc aaataattct gaacacaaat ttaatatattt tttttctgaa tgagaaacat 240
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 aaaatataac accttacacc ctttttcac ttgacattaa aagttctggc taactttgga 360
 atccattaga gaaaaatcct tgtcaccaga ttcattacaa ttcaaatacg agagttgtga 420
 actgttatcc cattgaaaag accgagcctt gtatgtatgt tatggataca taaaatgcac 480
 gcaagccatt atctctccat ggggaagctaa gttataaaaa taggtgcttg gtgtacaaaa 540
 ctttttatat caaaaaggctt tgcacatttc tatatgagtg ggtttactgg taaattatgt 600
 tattttttac aactaatttt gtactctcag aatgtttgtc atatgcttct tgcaatgcat 660
 attttttaat ctcaaacggt tcaataaaaac catttttcag atataaagag aattacttca 720
 rattgagtaa ttcagaaaaa ctcaagattt aagttaaaaa gtggtttgga cttgggaaca 780
 ggactttata cct 793

<210> 76
 <211> 461
 <212> DNA
 <213> Homo sapien

<400> 76
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 tgaaacgaga gcctaaatga catctaagaa aggcagtgtt caataccagg tattaggtga 120
 ggatgggatt ctaaggacat cagtgggagg cagggagcca ccttcagacc tcagcatgga 180
 agcttccaag atccagagga agaggcaaca gcactgagag tcataggtag aagaatcatc 240
 acagccctgc taaccaggca gctgatgcc ctctcccctg gctccctgtg tccaaatcct 300
 acaggggcat ctgttggtg aactcaacct gaagccaaag agaagatgag tggagagagg 360
 caacatttat agagctcagg tttctagggc tggagaggga tctggaggga cacacaggag 420
 acacctggca taaccaaaaa atgattaaaa aaaaaaaaaa a 461

<210> 77
 <211> 642
 <212> DNA
 <213> Homo sapien

<400> 77
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 gctgtgagac tacctattgt agatattgca ccctatgaca ttggtggtcc tgatcaagaa 120
 tttggtgtgg acgttggccc tgtttgcttt ttataaacca aactctatct gaaatcccaa 180
 caaaaaaaaa ttaactccat atgtgttcct cttgttctaa tcttgtcaac cagtgaagt 240
 gaccgacaaa attccagtta tttatttcca aaatgttttg aaacagtata atttgacaaa 300
 gaaaaatgat acttctcttt ttttgctgtt ccaccaaaata caattcaaata gctttttgtt 360
 ttattttttt accaattcca atttcaaaat gtctcaatgg tgctataata aataaacttc 420
 aacactcttt atgataacaa aaaaaarawa wattctttga atcctagccc atctgcagag 480
 caatgactgt gctcaccagt aaaagataac ctttctttct gaaatagtc aatacgaaat 540
 tagaaaagcc ctccctattt taactacctc aactggctcag aaacacagat tgtattctat 600
 gagtcccaga agatgaaaaa aattttatac gttgataaaa ct 642

<210> 78

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<400> 78

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<210> 79
<211> 526
<212> DNA
<213> Homo sapien
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<400> 79

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<210> 80
<211> 281
<212> DNA
<213> Homo sapien
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<400> 80

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<210> 81
<211> 405
<212> DNA
<213> Homo sapien
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 $\langle 220 \rangle$

<400> 81

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aggagtttga	statcgacat	gtcatgctgc	ccaaggacat	akccaasctg	gtccctaaaa	180
cccatctgat	gtctgaatct	gaatggagga	atcttggcng	ttcagmagan	tcagggatgg	240
gtccattata	tgatccatga	nccagaacct	cdcatcttgc	tgttccggcg	scctacttac	300
cccaanaaac	caamgaaatg	aaccttggct	actacttttc	aatcctcaaa	kcttttcaca	360
vhtgaccttc	cttccctaaca	ttctttmtga	taaacattta	ttaag		405

<210> 82

<211> 547

<212> DNA

<213> Homo sapien

<400> 82

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gttaatcata	taataatgat	tcttaaagtc	tgtatggttt	attattttaa	tgggtaaagc	120
catttacata	atatagaaag	atatgcatat	atctagaagg	tatgtggcat	ttatttggat	180
aaaattctca	attcagagaa	atcatctgat	gtttctatag	tcactttgcc	agctcaaaag	240
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ctaaatgttc	tgccctaccct	gttggtataa	agatattttg	agcagactgt	aaacaagaaa	360
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tttgatttta	tgcaactttgt	gcctattaac	atcctttttt	tcatgtagat	ttcaataatt	480
gagtaatttt	agaagcatta	ttttaggaat	atatagtkgt	cacagtaa	atcttgtttt	540
ttctatg						547

<210> 83

<211> 529

<212> DNA

<213> Homo sapien

<400> 83

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agccagttgc	tcatattgac	caatttactg	ctgacatgct	gggttctgct	gagtttagctg	180
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gaaaaacagt	tacaattgtt	gttcgtgggt	ctaacaaact	ggtgattgaa	gaagctgagc	300
gctccattca	tgatgcccta	tgtgttattc	gtttgttagt	gaagaagagg	gctcttattg	360
caggaggtgg	tgtccagaaa	atagagttgg	ccctacgatt	aactgaatat	tcacgaacac	420
tgagtgggat	ggaatcctac	tgcgttcgtg	cttttgcaga	tgctatggag	gtcattccat	480
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<210> 84

<211> 527

<212> DNA

<213> Homo sapien

<400> 84

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ggactgacgc	tgggttggtg	tcttcatcag	agctatttga	agtcaccaa	aaggcttctg	120
acgaaagaac	aattttttaa	aagtcctctt	tttcaatcaa	gccaatgtcc	tattttattt	180
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gttttgacat	tgtgatagaa	ggcttgaata	cggaggaaag	atgtcgctgg	agctagtctt	300
gagttccgac	tgtccctgtg	gtgggaatcc	agtcgtggaa	agcaggactg	ttttagcaaa	360
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gcatcccctc tgtcctgtct ctctgctgct gggacccagg gctttttcag ctgcagaacc 480
 cactggactt ccaggaatca aggaaaaagt ggaaatgtcc aactgtg 527

<210> 85
 <211> 401
 <212> DNA
 <213> Homo sapien

<400> 85
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 atagtttggg gtttcggaag ccaagaggtc tctttattac tatccacgat cgagggcata 180
 ttgcttcagt tctcaatgca tggccagaag atgtcatcaa ggccattgtg gtgactgatg 240
 gagagcgtat tcttggcttg ggagaccttg gctgtaatgg aatgggcata cctgtgggta 300
 aattggctct atatacagct tgcggaggga tgaatcctca agaatgtctg cctgtcattc 360
 tggatgtggg aaccgaaaat gaggagtac ttaaagatcc a 401

<210> 86
 <211> 547
 <212> DNA
 <213> Homo sapien

<400> 86
 gaagcctctt gtgtttgtgt gcagagaagt atatgatcca ccatgctaata gacaattgcc 60
 tttttttcca ccattaaggc tttaagaaca tgtggaataa gtttttttagc tgctaattgac 120
 aaaacaaatc ctgtaactac ccagccagca agtatatagc acagaacact gtgttacttt 180
 acaagggctt atgtgactgg aataagggtg tcccacttga ctgttccaaa gagcagcttc 240
 tcagatcttc agtggttact ggtaaaattc taacagtgtg tttgtgtaaa gtttgtcatt 300
 tcatactcca tacactacag ttgctgtcac tgatccctgt tttgctggct ttttaagctac 360
 ttggtcaaaa atcctgcttc cttaaaacat agagaattaa tgagcatctc aagctttttc 420
 ttttcctttt taatgatgcc tgcactatca agagtattct agtgttctct ctttgtttgg 480
 catataatca tgcaccaaac tttttatttc ttttaagggtg gagtatattt ttatttccta 540
 aatgcc 547

<210> 87
 <211> 530
 <212> DNA
 <213> Homo sapien

<400> 87
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 gcaatagaag ccgggttcca ccatattgat tctgcacatg tttacaataa tgaggagcag 180
 gttggactgg ccatccgaag caagattgca gatggcagtg tgaagagaga agacatattc 240
 tacacttcaa agctttggag caattcccat cgaccagagt tgggccgacc agccttgga 300
 aggtcactga aaaatcttca attggactat gttgacctct atcttattca ttttccagtg 360
 tctgtaaaagc caggtgagga agtgatccca aaagatgaaa atggaaaaat actatttgac 420
 acagtggatc tctgtgccac rtgggaggcc atggagaagt gtaaagatgc aggattggcc 480
 aagtccatcg ggggtgtccaa cttcaaccac aggctgctgg agatgatcct 530

<210> 88
 <211> 529
 <212> DNA
 <213> Homo sapien

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raaaawgrmc	cmaccctttyt	taacmtgrac	cwccytmatc	tctagaagct	gggatggact	300
tactatyctk	gttwatattt	taaatackga	aagggtgctat	gcttctgtta	ttattccaag	360
actggagata	ggcagggcta	aaaagggtatt	attatttttc	ctttaatgat	ggtgctaaaa	420
ttcttcctat	aaaattcctt	aaaaataaag	atggtttaat	cactaccatt	gtgaaaacat	480
aactgttaga	cttcccgttt	ctgaaagaaa	gagcatcggt	ccaatgcttg	ttcactgttc	540
ctctgtc						547

<210> 92
 <211> 527
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(527)
 <223> n = A,T,C or G

<400> 92	
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tgaaggtatg	gtggaacaag tggcctcacc aagggtcgac cccaatggac tttttgcctc 180
ttgggagctt	atgggtctat gaggacacag tagcctttcc tatcagcaaa ctggagtggg 240
tgttgtatct	gggggtggcc ttatgtacct gctactgttc tccccacatt gccagatgc 300
ctgtataact	gggaggcact gkgctctcag tttttgcgaa tgtgatgagc cccctggtgt 360
ttctaccctt	ttggcaatga ctatccctgg agncatgtgt caaaactgta aagcacaatt 420
tactgctctt	tgcggagcac accgctcatg ctctgaatta cacctgaktg tccctcctcc 480
wgktawtgaa	tgaggttgat cnvatcagaa adgtggkggtt ggcmeta 527

<210> 93
 <211> 531
 <212> DNA
 <213> Homo sapien

<400> 93	
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ttacacaatg	aagggtttcaa gctgtttgcc acggaagcca catcagactg gctcaacgcc 180
aacaatgtcc	ctgccacccc agtggcatgg ccgtctcaag aaggacagaa tcccagcctc 240
tcttccatca	gaaaattgat tagagatggc agcattgacc tagtgattaa ctttcccaac 300
aacaacacta	aatttgtcca tgataattat gtgattcgga ggacagctgt tgatagtggg 360
atccctctcc	tcactaattt tcaggtgacc aaactttttg ctgaagctgt gcagaaatct 420
cgcaaggtgg	actccaagag tcttttccac tacaggcagt acagtgtctg aaaagcagca 480
tagagatgca	gacaccccag cccattatt aaatcaacct gagccacatg t 531

<210> 94
 <211> 547
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 94

gttaa	acatg	gtctg	cgtgc	cttaag	agag	acgctt	cctg	cagaac	agga	cctgact	taca	60
aagaat	gttt	ccattg	gaat	tgttg	gtaaa	gacttg	gagt	ttaca	atcta	tgatgat	gat	120
gatgt	gtctc	cattc	cctgga	aggtc	cttgaa	gaaag	accac	agagaa	aggc	acagc	cctgct	180
caacct	gctg	atgaac	cctgc	agaaa	aggct	gatga	accaa	tggaa	catta	agtga	tgaagc	240
cagtct	tatat	atgtatt	atc	aaatat	gtaa	gaatac	aggc	accac	atact	gatga	caata	300
atctata	ctt	tgaac	caaaa	gttgc	agagt	ggtgga	atgc	tatgt	ttttag	gaatc	agtc	360
agatgt	gagt	ttttt	ccaag	caacct	cact	gaaac	ctata	taatg	gaata	cattttt	ctt	420
tgaag	gggtc	tgtata	aatca	ttttc	tagaa	agtat	gggtg	tctata	actaa	tgttttt	tata	480
tgaaga	acat	aggtgt	cttt	gtgg	ttttaa	agaca	actgt	gaaata	aaaat	tgtttc	caccg	540
cctg	gtn											547

<210> 95

<211> 1265

<212> DNA

<213> Homo sapien

<400> 95

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ccaaga	aaag	aggaaa	agct	gatttt	tgtg	aacgt	cgcta	cttgt	gcctg	aactaac	tcct	180
caggc	acatt	agtcaga	aaaa	tactac	cctat	ggttac	ccc	ccagg	ttcct	aaaagt	taaag	240
ctttag	aggc	caccaa	attg	gcaatt	gaag	ctgg	cttcg	ccatatt	gat	tctgt	catt	300
tataca	ataa	tgagg	agcag	gttgg	actgg	ccatc	cgaa	caagatt	gca	gatgg	cagt	360
tgaag	agaga	agacata	ttc	tacact	tcaa	agcttt	gggtg	caatt	cccat	cgacc	agagt	420
tgg	ccgacc	agcctt	ggaa	aggtc	actga	aaaat	cttca	attgg	attat	gttgac	ctct	480
acctt	attca	ttttc	cagt	tctgt	aaagc	cagg	tgagga	agtga	tccca	aaagat	gaaa	540
atgg	aaaaat	actatt	tgac	acagt	ggatc	tctgt	gccac	gtggg	aggcc	gtggag	aagt	600
gtaa	agatgc	aggatt	ggcc	aagt	ccatcg	gggtg	tccaa	cttca	accgc	aggcag	ctgg	660
agatga	tcct	caaca	agcca	ggg	ctcaagt	acaag	cctgt	ctgca	accag	gtgga	atgtc	720
atcctt	actt	caacc	agaga	aaact	gctgg	attt	ctgcaa	gtcaa	aaagac	attgtt	cttg	780
ttgc	ctatag	tgctc	tgga	tccc	accgag	aaga	accatg	ggtg	gaccg	aact	ccccg	840
tgtc	ttgga	ggacc	cagtc	cttt	gtgcct	tggc	aaaaaa	gcaca	agcga	acccc	agccc	900
tgatt	gcct	gcg	ctaccag	ctrc	agcgt	gggt	tgtggt	cctg	gccaag	agctaca	atg	960
agcag	cgcat	cagac	agaac	gtgc	aggtt	ttgag	ttcca	gttgact	gca	gaggac	atga	1020
aagcc	ataga	tggc	ctaaac	agaa	atgtgc	gatatt	ttgac	ccttg	atatt	tttgc	tggcc	1080
ccc	ctaatta	tccatt	tttct	gatga	atatt	aacat	ggagg	gcatt	gcatg	aggt	ctgcca	1140
gaagg	ccctg	cgtgt	ggatg	gtgac	acaga	ggat	ggctct	atgct	gggtg	ctgg	acacat	1200
cgct	ctggt	taaat	ctctc	ctgct	tgggtg	atttc	agcaa	gctac	agcaa	agccc	attgg	1260
ccaga												1265

<210> 96

<211> 568

<212> DNA

<213> Homo sapien

<400> 96

ccagt	gtggt	ggaatt	cggt	ttaatt	tacaa	aattt	gatca	cgat	catatt	gtagt	ctctc	60
aaagt	gctct	agaa	attgtc	agt	ggtttac	atga	agtggc	cat	gggtgc	tggag	caccc	120
tga	aatgta	tcaa	agttgt	acata	tttcc	aaac	attttt	aaa	atgaaa	ggc	actctc	180
gtt	ctcctc	act	ctgtgca	ctt	gctgtt	gg	gtgacaa	ggc	attttaa	gat	gtttctg	240
gcatt	tttctt	ttt	atttga	aggt	ggtggt	aact	atgggtt	att	ggctaga	aat	cctgagt	300
ttt	caactgt	atata	tctat	agtt	tgtaaa	aaga	acaaaa	caacc	gagac	aaacc	cttga	360

tgctccttgc	tcggcggttga	ggctgtgggg	aagatgcctt	ttgggagagg	ctgtagctca	420
gggcgtgcac	tgtgaggctg	gacctgttga	ctctgcaggg	ggcatccatt	tagcttcagg	480
ttgtcttggt	tctgtatata	gtgacatagc	attctgctgc	catcttagct	gtggacaaag	540
gggggtcagc	tggcatgaga	atattttt				568

<210> 97
 <211> 546
 <212> DNA
 <213> Homo sapien

<400> 97						
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ttgtatttta	aacaacccaa	aagaattgta	aggggtggctt	gctgccaggc	ttgcaactgcc	180
gttcctgggg	gtgtgcatct	tcgggaaaagg	tgggtggcggg	gcgtccacta	ggtttcctgt	240
cccctgctgc	tccttccgta	agaaaatgaa	atattctatg	cctaatactc	acacgcaaca	300
tttcttgtag	tttgtaagtc	gtttgcgaga	atgcagacca	cctcaactaaa	ctgtaaaccgg	360
taaagagatt	tttacttttg	gtctccgtga	gtcgcactct	tactaagggt	tacacaggaa	420
ttccacctga	agacttgtgt	taaagttcta	cagcgcgcac	tggttaactga	acgtcttttt	480
cttcagccta	tacgcggatc	cttgttttga	gctctcagaa	tcactcagac	aacattttgt	540
aactgc						546

<210> 98
 <211> 547
 <212> DNA
 <213> Homo sapien

<400> 98						
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actctatatt	attccctttt	tacagatgag	gcaatttaag	ctcaaagcat	ttaagtagac	120
aaccaacctta	gaatcacata	gcaaattgaca	gaagccagag	gcctcccaag	tctctctaac	180
tccaaaccct	atgcttactc	tactatatca	cactaccttg	caataggaca	aagggaatat	240
gtggtaaaact	atgttcccag	catctaaaag	ccaggagtgg	ttttcatttt	tctttaagaa	300
gatgatagtg	tgatttgaaa	catatctgaa	tttcagaaga	ggggactttt	aaaaattgcc	360
actcataagg	aaagaaagaa	ctttttcaca	tatttttgaa	agaaacgatg	gtgagaagat	420
attcttgata	atagagatat	gctaacattt	gctttgggtg	ttttgtaggt	tagatttttt	480
tgggtgtgtac	tttataggct	tgcatattgc	ttactttaaa	cagctgaagt	tctaagtaag	540
agtgttc						547

<210> 99
 <211> 122
 <212> DNA
 <213> Homo sapien

<400> 99						
cagcctttct	gtcatcatct	ccacagccca	cccatccctt	gagcacacta	accacctcat	60
gcaggcccca	cctgccaaata	gtaataaagc	aatgtcactt	ttttaaaaca	aaaaaaaaaa	120
aa						122

<210> 100
 <211> 449
 <212> DNA
 <213> Homo sapien

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<400> 100

ctgacggcctt	tgctgtccca	gagccgccta	aacgcaagaa	aagtcgatgg	gacagttaga	60
ggggatgtgc	taaagcgtga	aatcagttgt	ccttaatttt	tagaaagatt	ttggtaacta	120
gggtgtctcag	ggctgggttg	gggtccaaag	tgtaaggacc	ccctgccctt	agtggagagc	180
tggagcttg	agacattacc	ccttcatcag	aaggaatttt	cggatgtttt	cttgggaagc	240
tgttttggtc	cttgggaagca	gtgagagctg	ggaagcttct	tttggctcta	ggtgagttgt	300
catgcgggta	agttgaggtt	atcttgggat	aaagggctct	ctagggcaca	aaactcactc	360
taggtttata	ttgtatgtag	cttatatttt	ttactaaggt	gtcaccttat	aagcatctat	420
aaattgagtt	ctttttctta	gttgtatgg				449

<210> 101

<211> 131

<212> DNA

<213> Homo sapien

<400> 101

ccatgttctc	tcttgactac	gcatatgtga	gatttgcccc	tccgccccgc	tcgtgatagc	60
catccagatc	ttttacctgg	ccctgtcttg	gagaatctgt	tttcaatctc	cactgattgc	120
ccccttgctg	g					131

<210> 102

<211> 199

<212> DNA

<213> Homo sapien

<400> 102

ctgctgcgcc	tgatgctggg	acagccccgc	tcccagatgt	aaagaacgcg	acttccacaa	60
acctggattt	tttatgtaca	accctgaccg	tgaccgtttg	ctatatctct	ttttctatga	120
aataatgtga	atgataataa	aacagctttg	acttgaaaaa	aaaaaaaaaa	aaaaaaaaaa	180
aaaaaaaaaa	aaaaaaaaaa					199

<210> 103

<211> 321

<212> DNA

<213> Homo sapien

<400> 103

tttttttaggt	ttttaaaactt	tttatttgca	tattaaaaaa	attgtgcatt	ccaataatta	60
aaatcatttg	aacaaaaaaaa	aatggcactc	tgattaaact	gcattacagc	ctgcaggaca	120
ccttggggcca	gcttgggtttt	actctagatt	tcactgtcgt	cccacccccca	cttctttcac	180
cccacttttt	ccttcaccaa	catgcaaagt	ctttccttcc	ctgccaccca	gataatatag	240
acagatggga	aaggcaggcg	cggccttcgt	tgtcagtagt	tctttgatgt	gaaaggggca	300
gcacagtc	cat	ttaaacttga	t			321

<210> 104

<211> 309

<212> DNA

<213> Homo sapien

<400> 104

tttttttttt	tttttatttt	tttttttgca	tcaaaaaaact	ttattttccat	ttggcccaag	60
gcttggttagg	atagttaaaa	aagctgccta	ttggctggag	ggagaggctt	aggcaaaacc	120
cctattactt	tgcaaggggc	ccttcaaaaag	tctctgggct	tctatttcaa	ccgcgatgat	180
gtggctcttg	aaggcgtgag	ccactttttc	cgggaaactgg	ccaaggaaaa	gcccaggggc	240

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tacaaccgtt tcctgaaaat gcaaaaccag cggggcgggc gcgctctttt ccaggacatc 300
aaaaagcca 309

<210> 105
<211> 591
<212> DNA
<213> Homo sapien

<400> 105
cttatttctg catgggtcgg agagtgggag ggactgcttt actgagttat agtgaatgta 60
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cacttcccca ctccctaccc cctgttaaag taacctttct ccaaggttat gcttcaacag 180
gaatagctaa catttattaa attgtggcac gtaagtatct tggatatatt ggctcattga 240
atcctcacac ctactatctt acagagatgc cagtggggct tgagattgaa tcaattgccc 300
aggctcccac tgctggtaaa cagtagaggg ggctcctgac ccatcagtct ggcttgacaa 360
ccattccct caactgcgga tcccgattc ccttatcacc ctggttgatt ctccataggc 420
tgtggtaca tttgttgcat gaatggaccg ttgaaatagg gcctggcagg gagaaattca 480
ggaaatgaat gaatggttct tccctggcag cctttgatga cttacaagcc ccttcaaggg 540
ggaaagccat ttttctccct gggactcctt gaaagcccg gagccctgcc t 591

<210> 106
<211> 450
<212> DNA
<213> Homo sapien

<400> 106
ctgccactcc tgccctctgct accccgaaac cggagaggga gctcaataat aacacaggtc 60
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tttgcttaaa atatcattag acctaatatt tttttcaaag gcacaaagt taaacatggg 180
gggggcgggt gttgagaggg gtctgggata cccttaaacc caaaaaagt atttgttccc 240
ccttgcccag aagggtgact gttccactgg gcctgtcacc acaggacatt ttccatgaca 300
agcactcacc ttcttgggga aggggcatca ggttggcaca ggaaaggccc aagtgagggg 360
ccactctgta cattaatact ttggtgatta atgtttgggg agaggcagga ttctcaccca 420
cctttttgac ttcaaact ctcactcaag 450

<210> 107
<211> 116
<212> DNA
<213> Homo sapien

<400> 107
tcgacgaaag ttactgtcac tcagttgtaa atccatcagc ttttcacctg ttaaaaattt 60
tgcaaaatat acatgttctc ctctgtttt caattcttcc atcttttttc ttgagg 116

<210> 108
<211> 291
<212> DNA
<213> Homo sapien

<400> 108
ctgctcgaag ttgtcaaaac ccacgtgcag ggcaatggag agtccgatgg ccgaccacag 60
cgagtgcgt cctcccaccc aatcccagaa ctggaacatg ttttgagggt caattccaaa 120
ctccttcact ttggttgtgt tagtagacag ggcaacaaag tgcttcgcca ctgcagtagg 180
atccttggcc gcctggagaa accactcctt cgccgtctct gcattcgtga tggctcctg 240

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ggtagtaaag gtcttggagg caatgatgaa cagggaggac tcgggggttca g 291

<210> 109
<211> 662
<212> DNA
<213> Homo sapien

<400> 109
gctgtttcca cagtacgcct gcctcacacc ttgcatgag ccaacatcac catcattgag 60
caccagaagt gtgagaacgc ctaccccggc aacatcacag acaccatggt gtgtgccagc 120
gtgcaggaag ggggcaagga ctccctgccag ggtgactccg ggggccctct ggtctgtaac 180
cagtctcttc aaggcattat ctccctggggc caggatccgt gtgcatcac ccgaaagcct 240
ggtgtctaca cgaaagtctg caaatatgtg gactggatcc aggagacgat gaagaacaat 300
tagactggac ccacccacca cagcccatca cctccattt ccacttgggtg tttgggttct 360
gttactctg ttaataagaa accctaagcc aagaccctct acgaacattc tttgggcctc 420
ctggactaca ggagatgctg tcaacttaata atcaacctgg ggttcgaaat cagtgaagacc 480
tggaattcaa ttctgccttg aaatattgtg actctgggaa tgacaacacc tggtttggtc 540
tctgttgat cccagcccc aaaagacagc tctggacct tgccccgggg cgccccgctc 600
ggaaaggggg cgaaatttct tcaagaatat ttccatttcc acaaacttgg ggccgggggc 660
cc 662

<210> 110
<211> 323
<212> DNA
<213> Homo sapien

<400> 110
tcctgtgaaa cagcccatct tctacactac tgtgggttgc tgctcaggag gaacgatata 60
cgccaatata agcaggaaat ctgcagctcc tctgctatgt gcctcagaac actttcaatt 120
tttctgggtc atgctctgat taggtatcat acataaaaagc cagcatatta gtttaaatct 180
ctaacaacaaa actataatctt ccaaagtcac tatcatttgg gccaatatag tgatcttttc 240
gtgctttgtt gagcttcac tttagggtcat ctcttctttc ttccatttca tgaagtctcg 300
catttccatg tgcaaattta cag 323

<210> 111
<211> 336
<212> DNA
<213> Homo sapien

<400> 111
tccagtgcgc tccagcctta tctaggaaag gaggagtggg tgtagccgtg cagcaagatt 60
ggggcctccc ccatcccagc ttctccacca tcccagcaag tcaggatatc agacagtcct 120
cccctgacct tcccccttgt agatatcaat tctaaacag agccaaatac tctatatcta 180
tagtcacagc cctgtacagc atttttcata agttatatag taaatgggtc gcatgatttg 240
tgcttctagt gctctcattt ggaaatgagg caggcttctt ctatgaaatg taaagaaaga 300
aaccactttg tatattttgt aataccacct ctgtgg 336

<210> 112
<211> 218
<212> DNA
<213> Homo sapien

<400> 112
tttttttttt tttttttttt tccagtcagg agtattttta atcactgtct acagagacac 60

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ctacatacac acacgggttg ggaatgaacc caaagttttt aggtgaagtc tctcagggcc 120
 caccocgtgc cacagacctt cctcgggttg agagattctg ggcaaagcat ccgtgctctc 180
 atgagattat cctggggaga tttagaagaa ttttgttg 218

<210> 113
 <211> 533
 <212> DNA
 <213> Homo sapien

<400> 113
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 tgctgatgtc catggtctct agcagcctga atccaggggt cgccagaggc cacagggacc 120
 gaggccaggc ttctaggaga tggctccaga aaggcggcca agaattgtgag tgcaaagatt 180
 ggttcctgag agccccgaga agaaaaattca tgacagtgtc tgggctgcca aagaagcagt 240
 gcccctgtga tcatttcaag ggcaatgtga agaaaacaag acaccaaagg caccacagaa 300
 agccaaacaa gcatcccaga gcctgccagc aattttctcaa acaatgtcag ctaagaagct 360
 ttgctctgcc tttgtaggag ctctgagcgc ccaactcttc aattaaacat tctcagccaa 420
 gaagacagtg agcacaccta ccagacactc ttcttctccc acctcactct cccactgtac 480
 ccaccctaa atcattccag tgctctcaaa aagcatgttt ttcaagatct aaa 533

<210> 114
 <211> 261
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 114
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 ctttgagaaa ggacatgtga tgtgatggtc ttcacgttcc acatgtactc gggcaaatag 120
 ggggacaaac tgaagttaaa caggtcgaaa ctagaggagc tgctgaccct ggagctgacc 180
 actttcttgg ggaaaaggac acatgaaggt gctttgcaaa agctgatgag caatctggac 240
 accaacatag gacaacaacg t 261

<210> 115
 <211> 267
 <212> DNA
 <213> Homo sapien

<400> 115
 cctctcctgt gggttccaga ccctgttcca gcaacaattg ctgggacacc tgggccgact 60
 gctccacctc gccaggccct ggccctctcc atctcagccc tgacagccac ccagtataa 120
 acacagcagg ctctctaagc aatgtgacgc accagagggg tgggtgtaca cgttcccctt 180
 gaagtcatct gaaaattaga gaacagattt gcctcatagc tgaagagaga ccctattcca 240
 agcatgaatg gccttgacaa tgttctc 267

<210> 116
 <211> 239
 <212> DNA
 <213> Homo sapien

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<400> 116
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 ctctaaggcg ctgccaagtg atgctgatgc tcttggttg tggaccacc tgtgtatagc 120
 aaagctctag actaggagg ctcaaccttg gctgcacaga attatctggg gagtttttaa 180
 atttcccagt gcccgaggctg cattcatatc atagtagaga cagggttttg ccatgctgg 239

<210> 117
 <211> 168
 <212> DNA
 <213> Homo sapien

<400> 117
 aaaaaacttt tatattgctg catcttccac agttcttttg gtagtctctg aacttaaaat 60
 ttgtaggagt tgtagactac ctaaaatttt aagttatgga tttgttcata ggtttaggg 120
 gtaggtaaag aaggaaacag acaagaaaat ggcttcttga ggtggcag 168

<210> 118
 <211> 150
 <212> DNA
 <213> Homo sapien

<400> 118
 aaaaaaaaga gtttatttag aaagtatcat agtgtaaaca aacaaattgt accactttga 60
 ttttcttgga atacaagact cgtgatgcaa agctgaagtg tgtgtacaag actcttgaca 120
 gttgtgcttc tctaggagg tgggtttttt 150

<210> 119
 <211> 154
 <212> DNA
 <213> Homo sapien

<400> 119
 aaactgtgtg agatattaac cagccgcct gttataaaat caggaaatcc aaacagcgat 60
 ttacaccgat taacaccccc ttttatattt tttcaaatac actgagaaaa taatcaaacg 120
 ttttcatctc tcttgtcttt ttttgtttt tctt 154

<210> 120
 <211> 314
 <212> DNA
 <213> Homo sapien

<400> 120
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 tccaaaataa ttttcacccc tctaagcatg taaattcaaa gatggatcct tcatagaaat 120
 taaaaaatca atttgagctc atttogaata cagaacaagt atggcacaga tggaagtcct 180
 gccacgtttc cttaaatgat gctgactctt gtatcacaca ggccagcatg aagtttctta 240
 ctcagacttt acaggcattt tccgtaattc aatcagtcct gctcccagca caacacagga 300
 ggtgattcga gaat 314

<210> 121
 <211> 601
 <212> DNA
 <213> Homo sapien

<400> 121

aaaaaaaaacc	taattcattg	aagtaataac	caaataattt	tcaatcttga	ttcaactgtg	60
attcaaattct	tacaccattt	gccccttcta	tgaatttatg	tataaaattt	tttaagagtc	120
agagttttttt	tttcttgatt	aattggatgt	atttcacaga	atttccaact	gctcacgtta	180
gttttcttcc	tttttagagt	gatctctcta	atgtattaga	tcttcatgcc	tttgatagtc	240
tctctggaat	aagtttgacg	aaaaaacttc	agcatgtgcc	aggaacacaa	cctcaccttg	300
atcagagtat	tgtacaatca	catttgacgt	accaggaaat	gcaaaggag	aacatcttaa	360
tatgtttatt	cagaatcttc	tgtgggaaaa	gaatgtgaga	aacaaggaca	atcactgcat	420
ggaggtcata	aggctgaagg	gattgggtgc	aatcaacgac	aatcacacac	aagtgattgt	480
ccaggggtgc	catgagctct	gtgatctgga	ggagactcca	gtgagctgga	aggatgacac	540
tgagagaaca	aatcgattgg	tcctcattgg	cagaaattta	gataaggata	tccttaaaca	600
g						601

<210> 122

<211> 486

<212> DNA

<213> Homo sapien

<400> 122

ctgttttctaa	ttgcttttgt	gactgttacc	tttttagttca	tgcccccca	aagagctaaa	60
tttcacattt	ttacctacaa	aattgatttt	taattcctgc	aaataattta	ccattatgag	120
ctacaagggtg	ggcaacagcg	cctgaggatc	taattttatg	catattactc	ccaagtattt	180
taacacttgt	tggagaagca	atatctggat	caataaaaaca	ctgtcccatc	aaccatttga	240
gtggggagag	ggagaagctc	ttctgtaagt	aagattctgg	caagctcttt	gaaatgagtc	300
ttctttccca	cagattttct	ctactctttc	aatacaaaca	gataggagaa	gagggaatag	360
aaacctggag	gaacttgaat	atttttgttc	tagatagaga	tacagttatt	gaaaaggaaa	420
cctagaaaagt	agtcacacgt	cgcttattta	ggccagaagt	aattgtactg	ggcaaaaatt	480
tcactt						486

<210> 123

<211> 239

<212> DNA

<213> Homo sapien

<400> 123

ctgggtgggtc	tttttttctc	ctcagagctc	aagcctgtag	tgcctgatgt	catttctttc	60
aagttgccc	cagtatctcc	acttaaaacta	ggctagtaac	caaaaataatg	tggaccttct	120
ttaggaaaca	gtgtgggaga	ataggagtcc	agccgtaaga	taaactggaa	atatttgggc	180
gtcttgtacc	tggctacgca	ccacctcagt	gttgttccta	cataaacaag	gcccccttt	239

<210> 124

<211> 610

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(610)

<223> n = A,T,C or G

<400> 124

ccanccaagt	cnttgatgat	cactgaccn	cgcgcgctg	ctggaccaag	gtggctgcgg	60
ggaaatcgcc	acngngcttt	cggttttctt	ggtgaaggaa	tacaccgcgc	cgacagcagg	120
ttttcagtca	gggtcaggga	ctgttgcttg	cgcgcgaaaa	tcaccgggtac	gccgaggttc	180

050301
0206496
090501

aggccggtca	tgatcgccgg	tgcaatgcc	gaggcttcga	tggtgacgat	cttgggtgatg	240
cccgaatcct	tgaacaacgc	agcgaattca	tcaccgatca	gtttcatcag	cgccgggtcg	300
atctgggtgt	tcagaaaggc	gtcgaccttg	agtacctgat	cggaagcac	gatgccttct	360
tcgcgaattt	tcttgtgcag	tgcttccacg	aaagcttcct	ctgttggcgc	aacacgcgcc	420
gaaagtagat	taaaaagtag	tcgattctag	cgctttaaca	tcgcgcgtat	atccgccagg	480
gcggtattgc	cgcgaaacgc	tttgacttcg	gttgggtgtg	cgtcggttgc	ttcccatgcc	540
aggtcatccg	gcggcagttc	gtcaaggaac	cggtcggggg	cacaatcaat	gatctcgccg	600
tactgcttgc						610

<210> 125

<211> 196

<212> DNA

<213> Homo sapien

<400> 125

ctatagggct	cgagcgccg	cccgggcagg	taaaaaatca	gcccctaatt	tctccatggt	60
tacacttcaa	tctgcaggct	tcttaaagtg	acagtatcct	taacctgcca	ccagtgtcca	120
ccctccggcc	ccgtcttgt	aaaaagggga	ggagaattag	ccaaacactg	taagctttta	180
agaagaacaa	agtttt					196

<210> 126

<211> 247

<212> DNA

<213> Homo sapien

<400> 126

aaattagtta	aaaaaatgca	ttcctcattt	gatatagcca	cattccaaat	gcttaaaagc	60
cgcatgtatc	tagtgactac	catactggag	agtacaaata	tagaacttta	ccgtcactg	120
cagacagttc	tgttggtattg	tcgagcattg	gacaatatat	acagtttgcc	tgtatatgag	180
aaagagagag	agagagagag	tgtgtgtgtg	tgtgtgtgtg	tgaagtgcaa	taaggctgac	240
aggcatc						247

<210> 127

<211> 590

<212> DNA

<213> Homo sapien

<400> 127

cctccacggc	atggcgcaat	tggtgttcag	gggcgcgcag	gttgctgccc	atgccgatgt	60
agatacgttc	cacgtgctta	ctcgccagac	gcactcgaag	cgtcgccagc	gtacgtttg	120
cgcttgctgc	cactgctgcg	gcgacgcttt	ttcgggccat	cgccggtggc	ttcgcttttg	180
ctgctgagct	ctttgatcat	ctcgcggcgc	tggtgtgcgt	tggtgcctctg	gtagtcggtc	240
caccactcgc	caaggccgtc	ggtctgttcg	ccggcgcttt	cacgcagcag	caggaagtca	300
tagcccggca	cggaagcgcg	ggttgtccag	caacaggtcg	gcacgtttgc	cgctgcggcg	360
tggcaggcgc	tcctgcatgt	cccagatttc	acggatcggc	atggtgaagc	gtttcgggat	420
ggcgatgcgc	tggcattgct	cggcgatcag	ctcgtgagca	gcttcctgca	tggctggaat	480
tgccggcatg	ccacggtctt	gcaggcgcat	gacgcgtttc	gaaagcgccg	gccacaacag	540
ggcggaacaa	aggaacgccg	gggtgaccgg	tttgttctgc	ttgatgcgca		590

<210> 128

<211> 361

<212> DNA

<213> Homo sapien

094956.050301

<400> 128

ctgcccattg	aaaccctcca	ggagctgctg	gacctgcaca	ggaccagtga	gagggaggcc	60
attgaagtct	tcatgaaaaa	ctctttcaag	gatgtaacca	aagtttccag	aaagaattgg	120
agactctact	agatgcaaaa	cagaatgaca	tttgtaaacg	gaacctggaa	gcatactcgg	180
attattgctc	ggctttactt	aaggatattt	ttgggtccct	agaagaagca	gtgaagcagg	240
gaatttattc	taagccagga	ggccataatc	tcttcattca	gaaaacagaa	gaactgaagg	300
caaagtacta	tcggggagcct	cggaaaaggaa	tacaggctga	agaagttctg	cagaaatatt	360
t						361

<210> 129

<211> 546

<212> DNA

<213> Homo sapien

<400> 129

aaaaatacaa	attcagtaag	acttttgtct	taacaacaat	ttttcaaaac	gaatcaacaa	60
caaaaaagta	tccagtgttt	cttttcttat	gaagatataa	taaaacacag	tattggtaag	120
cacattttta	cagtatgctt	ttcttttgta	gggaaaggag	atatggctat	gtctaaccatc	180
gtgggatcca	atgtgtttga	tatgtttgtc	cttgggtattc	catggtttat	taaaactgca	240
tttataaatg	gatcagctcc	tgcagaagta	aacagcagag	gactaactta	cataaccatc	300
tctctcaaca	tttcaattat	ttttcttttt	ttagcagttc	acttcaatgg	ctggaaacta	360
gacagaaaagt	tgggaatagt	ctgcctatta	tcatacttgg	ggcttgctac	attatcagtt	420
ctatatgaac	ttggaattat	tggaaataat	aaaataaggg	gctgtggagg	ttgatattat	480
taatagtgtt	atgcagaaaa	tatgaatggc	agggaggggc	agagagaaaa	atccatttct	540
tcattt						546

<210> 130

<211> 733

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 130

ggggcctctt	cctaaaggca	ctaattcccat	ccaatagggc	ttaacctcat	gacttaaatca	60
actttcaaag	acaccacatc	ctaattgccat	cacatcagaa	tttaggcttc	aacatatgaa	120
ttttgggggg	acacaaacat	tcacctcata	gcattcattg	tttcttggtt	ttggcaaagc	180
caagactcac	attgtctaag	ttatttgact	tttgagtccg	cagatgtgaa	aacagtgtct	240
aacagtccag	cttcatgagt	ggagaacagc	atttgtgaca	accaccaaag	tacctctgtg	300
gtcagtgtcc	tcaaccaggg	cacagcatca	tggaccagag	cctctgcagg	gcacagagga	360
gtggtgagga	acaggggctc	tggagcaacc	ccacttccct	ctgctttgta	tatggggggg	420
tctgcacatg	actgcatttg	aaaagggctt	cactgcgctt	gctgaaggag	tgcacttgag	480
ctagcggaga	gttcccagag	ggtgtctgga	agaagcaaag	gctattcttt	gtttcactca	540
gttatagatg	gaagtcagac	acttctgcct	gaagtacttt	cacacactcc	acagtcttaa	600
gaaggatgga	naaagcatgc	caactactca	naaaaccaca	ggtgttcaag	caatgggtatc	660
cttttatncc	tacaactagt	ggacaaagng	gggcctctgt	aatttgaggaa	agctaggaaa	720
actttttctg	ggg					733

<210> 131

<211> 305

<212> DNA

TDE050 92964860

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 131

aaacacatac	gaatanttna	actgtgatta	tgaagtgaca	gccggctaaa	tatgtcttgt	60
atthttctctc	ttcctttttt	tgctaactca	tcctttattc	cattcctgct	tccatggtaa	120
tgcaggctca	aataaattac	taggatacaa	gattacttca	agcctctttt	ctgtggaact	180
cataatatga	taagcatttg	ttacaagatt	gcctgtagtt	gtttagggga	caaattatat	240
tagggaaaga	aagtctttct	ttagttgggt	aaatthttct	ttataattgg	gtactaaatt	300
tattt						305

<210> 132

<211> 545

<212> DNA

<213> Homo sapien

<400> 132

aaacaatgct	acactcattt	ttggcaaaagt	gctgtattgt	tcagtctgtg	tacaaaaactg	60
accatctatg	aaccaatcag	tataaaaaaat	ttctataaaa	acaaaattta	gacagcggct	120
caagaaaaca	agctgccatt	tatgcataga	ttgatgtaca	gtaacctaac	caaagtgtcc	180
ttttgaattt	tcaagttact	gaaaaaaaat	gtgtcgagaa	acacattaag	aaggcacatg	240
tacagtctac	aatactcttc	agtctcccta	actcatgccc	tgtccctata	aaggaaatat	300
gttcacaatt	ttacttgaga	aaaaaaaaaca	aagccactta	aaaaaaaaaa	aacacacacg	360
caattattaa	agttcaaaat	ctctggagga	aaatacaagc	aaaaccactc	atacactcca	420
agcctgaaac	acacatctaa	cctccccagg	tactggtttg	gttttcagag	gtccacctag	480
aaaacaaatc	taaaacttca	ggcaaaaacag	agcaaaaactg	gacatttaac	aattacacaa	540
ttttt						545

<210> 133

<211> 330

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(330)

<223> n = A,T,C or G

<400> 133

aatattttatt	actaatatct	tataatgttt	tgtggnacca	tggcatacct	tgggtactat	60
tgtaacanat	agttcaggaa	accctactat	aagggtttatc	aaatgggtctc	ataaacagtt	120
acttattcaa	gcacgccaaa	gctcagtgaa	aagtatthttt	cacccttact	ctttctcgtg	180
tcattcaaag	agaagtthttg	atgtagtgta	tttatttgta	gggagtaatg	aacagatcca	240
tttcacagta	gactttgtgc	tctaggtgat	gcagctaatt	gccccagttt	ggaaaacatg	300
gacttggatg	aattgtcttt	tgtttgggac				330

<210> 134

<211> 627

<212> DNA

<213> Homo sapien

098496 "050307

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 134
 aaatattact tcaaatacat tttaaagctc aacaaaacttg tgttgaactg aattgcagat 60
 cctgaactct atttgaaaat acatcatgaa acagaaaanc ccattccaaa tgaaaatgat 120
 agtgctttgt tgggggtggg aatgaggcgg ggagactaaa tcactattaa cagacttctt 180
 ttcccaatgc aatttgtcaa aagttcaaaa gttctgaaat gtactaaatc ttaagcaaat 240
 taaattcatg atattactaa aactttttta atagtgaat gacttatcaa gttatagtgg 300
 ctgcattaag aacaaattat tgtgtgaaat acctgtataa acacaaaata caattaaata 360
 tttctttaca aaaagctgag cattacgcat aatagtggaa tgtctttcat taggtgtatt 420
 ttttaaagat taacaaaagt aacatttcct aaaatgtata catgtgccat atttttgcaa 480
 acatgcctga gaatgtatct aaaacatttc tgtagtaaga gtttgcaaga acttcacaaa 540
 cctgcaata aaatgcatct ttttaaaaaag gtgaaaatgg catctccaca ctgcaacaat 600
 tcaaaaagtg cagcatccct aatcttt 627

<210> 135
 <211> 277
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 135
 aaaatcaa atattatttg ttaaaaatca gcttgtttca ttacnggaaa ttacaccagt 60
 ccgttctatt taactttcaaa ccatattcaa ctcttcaact ttcaaacatg taatcaacta 120
 atttcaaaaag ggaaaaggta ccctttataa aggagagatc tgtaagaca ccaagaaatc 180
 aaaattaata tcacttaata attaagtgga taacacatgc ctccaatac agtgcagtga 240
 gaaacacaaa acatcaattc ccgcgtactc tgcgttg 277

<210> 136
 <211> 486
 <212> DNA
 <213> Homo sapien

<400> 136
 aaaacagaat gaattcattg ttacagttac agaagtcaga agcccaaata cagtctgcct 60
 gaaccaaagc cagggtcagc aagggttcct tccactgttt tgccaacttc tagaggccac 120
 ctgtattcct tgggtcatgg cccctctctt catcatcaaa taatcagcat agctttatga 180
 cattggcagc tctgattttg ctcttttgcc ttcctcttat gtagaccctt gtaattacat 240
 tgggtacacc cagataaccc caaataatct ccctatctca agattcttaa tgtaattata 300
 ttgggaaagt cccttttgtc atataagata acatagcaat ggattccaag gattagtatg 360
 tgagtttctt ttgaggggct ataattaacc ctaccacaat atggaaatgt ctattgtttt 420
 tctatgtacc agaaataaga cattaggatg tgaaattaat aacataacac cacttacggc 480
 atcacc 486

<210> 137
 <211> 552

0504962501

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 137

ccatcttgca	tcaaatgttc	ttaaggcagt	gactggctat	caaccacagt	ttctgtctcc	60
ccagttgcaa	acacaggatc	catgcaacag	ttctgagacc	atacacttag	aaaccacagg	120
ggatgcggat	caaatgcaga	actcccaa	tataaaacag	tcaggctaca	ctcaaaacaa	180
aacatagaac	atcaacaaca	cacatctccc	aaaaaagaag	tgcaacgcat	gcttgataaa	240
accaacaata	acaaaaaaaa	cacaataaaa	aatgcagagt	ctcccaaaca	agttttcaaa	300
tgtattgcan	aaagaaaaaa	aatgtatata	tatataaaat	taaaaagtct	gaaataactag	360
tgcatagtca	attacctaac	accaagtttc	ttttctttct	gtccaagctc	tactgccctt	420
ctgatactag	cagcatgtct	acaggctaag	accatagcag	caaaaaacgt	ttttcatttg	480
gcatttacaa	aattaaatta	ctgaataaaa	atataatfff	ttataaaaact	atttcttaca	540
gtaataatff	tt					552

<210> 138
<211> 231
<212> DNA
<213> Homo sapien

<400> 138

aaattttact	agtgttactt	aatgtatatt	ctaaaaagag	aatgcagtaa	ctaattgccct	60
aaatgtttga	tctctgtttg	tcattacttt	ttcaaaatat	ttttttctgt	aaagtataat	120
atataaaaact	tcttgcttaa	attgaatttc	tatattagt	gttaattgca	gtttattaaa	180
gggatcatta	tcagtaaatff	catagcaact	gttctagtgt	tttgtgtttt	t	231

<210> 139
<211> 535
<212> DNA
<213> Homo sapien

<400> 139

cagttgcaa	ccctctgaac	cgttttaggcc	ggttcacgc	tgcccttgaa	tctgggccgg	60
tggtgatccg	gcaaggggtg	aaaccaaaga	gcgggggctg	tgaggccctt	cgcagtcctt	120
cgtaagtcgc	tgcatggag	tgaactatca	cgcacgtgt	ttatttcgtc	aacacgaaat	180
gtgatttatt	tttgcgaaat	aacacggcag	ttctcggtta	cgttttcgga	aagcgtggga	240
tatgattctg	tctatcctgt	acggatatac	agtaattacc	gggaggggat	tccatggcga	300
agaagcaggc	ggcaccggca	gcacggcagg	aaatgagcgg	tatggcgcgc	ctcgggcttc	360
gcgtctcatc	gatgattaat	cacccggtcg	cccagacgca	gcgctgggtt	acgattcatc	420
gcctggacac	ggatggggat	cgggagtg	aagaggttct	gagcgtgatc	gctgataccg	480
acgagctcga	gctgacgctc	aatgacgatg	gcagtgtgac	ggtgaggtgg	gagca	535

<210> 140
<211> 640
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature

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<222> (1)...(640)

<223> n = A,T,C or G

<400> 140

acattggtgg	cacttgaact	gagtgcaaac	cacaacattc	ttcagattgt	ggatgtgtgt	60
catgacgtag	aaaaggatga	aaaacttatt	cgtctaattg	aagagatcat	gagtgagaag	120
gagaataaaa	ccattgtttt	tgtggaaacc	aaaagaagat	gtgatgagct	taccagaaaa	180
atgaggagag	atgggtggcc	tgccatgggt	atccatgggt	acaagagtca	acaagagcgt	240
gactgggttc	taaatgaatt	caaacatgga	aaagctccta	ttctgattgc	tacagatgtg	300
gcctccagag	ggctagggtta	gtacaaactc	gcattcatgg	cttggtttcc	cagaagatct	360
ccatttaact	tttttaaaga	aagtttattg	ctttctttaa	cctgcatttt	ttctaagttt	420
tttttcgcat	aaaggtgctg	tctttgtggc	aaggcctagg	catgacaatc	ggaggactcg	480
agggggatgg	aggactagtg	atccggctgg	ctgcttccag	tcgattagag	aggtgaaaaa	540
gctgaacgtg	tgcccantna	atcttcaaaa	aggcagaaac	atatcacctt	ntgcccccnt	600
aaacttggtc	tttttccgaa	ggggaaaaaa	aaaatggaaa			640

<210> 141

<211> 127

<212> DNA

<213> Homo sapien

<400> 141

aaaaatcaca	cactgacaac	acagaaatac	gaaatgctag	gaaaagtcta	gcatatgaag	60
gaaaaacatg	tcttatgcac	tctaataata	ttttttcaat	tagtataaag	gcaaatgcgg	120
ttttttt						127

<210> 142

<211> 126

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 142

aaatatacctc	tgagatgcntt	caagtaatac	taatcatttc	atgnngnaaaa	gtcttttaaat	60
aaacaaattc	agagtaaaaat	taattgaaat	atttataata	catttggttac	acagttattt	120
ccaata						126

<210> 143

<211> 730

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 143

gcaagttctg	gagtggtcac	ttctgagcct	gaattccctc	ccctgcaaaa	tggggggaata	60
ccctcctcag	agggtccctg	cgagggtgag	gggagatcag	catggcaggt	gtgctgggca	120

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cggcagggcc	tggaagggc	agatcctttc	cccatccctg	ccacaaacaa	cccaaaccct	180
taaaggagag	caatggcctt	gtgtcaaaaa	caaaaacaaa	acaaaaccct	gtcctaggag	240
actggggccc	taattttctaa	tagcaagcct	ttatgagtcc	ctaacactct	actgggctga	300
gtatctcaca	cgccagagga	taacctgcct	tctgctcacc	accaccccgt	agtagttgtc	360
attgtgtcca	tttcacagat	gaggcaaagg	ctcagaagag	tcatgtgtta	aaccagcttc	420
tagagcccat	gcaggagctg	caggtgggga	gaatcacctc	taggtgctct	tcccatggaa	480
tcctcacctc	ccttgagtgg	tcactcactc	anctttccaa	tgggtgtgtg	acctttgacc	540
agctttcttt	ccttntctgg	gcctcagttt	cccaccttgg	acaaagtaag	aggtctcttg	600
ggnttcangg	tagttcttcc	taacttcttt	tccttttcat	ttgagcatcc	ttcttcattt	660
tttgccacct	ctcttgatcat	tacangcttt	taccttcggc	cgcgaaaccac	gcttaagggc	720
naaattttcca						730

<210> 144
 <211> 485
 <212> DNA
 <213> Homo sapien

<400> 144	
ctggtcagaa	atgattctct
catatgttac	ctgaagatgg
tcttctactc	gtagggcata
tgcgtgggtg	gtctgctgcc
tttcaaatat	agatacaacc
cttactaag	acgacagata
acaaagaacg	tgctaaaaga
ttaatagctg	gctctgggtt
aacag	

<210> 145
 <211> 465
 <212> DNA
 <213> Homo sapien

<400> 145	
ccaagacagc	tcgttttctgg
cttctcttag	agggtaggaa
ataggtgccc	aggatcatcta
tcagtatcct	ctttcacact
cccctttatt	tcattcagtg
atTTTTTTTT	ttttaacagt
ctgagccagt	ctcattctgg
tttttccagt	cgaaagaaac

<210> 146
 <211> 351
 <212> DNA
 <213> Homo sapien

<400> 146	
ccagccgggg	taactctgtat
ttgaccagat	cagcggcggtg
gttcaagacg	tcgcagcggg
agcgacggag	tgggttgatcg
gagcctgggg	gctgggggga

050301 050406 050509

ctactttctga cttaagatct ccagcgtttt aactggcctt atcgcaggca a 351

<210> 147

<211> 654

<212> DNA

<213> Homo sapien

<400> 147

acttattttt	aattactgaa	tatttcttag	acgttttggg	acagatttta	tgtaatcttt	60
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taaaccaagt	attgtaaaat	aaacagcgat	aacagtgata	gtttttaact	ctatgggcat	180
tgtatcactc	tggaaaatgt	ggagtagctg	taataaatct	actcctgtat	tatgctttac	240
agtgcagggtc	ttagtttttc	ttttttctca	tttcttttga	aatggcatct	cgaacaaagt	300
ccaccaatcc	ctttacaaaa	gaatgaactg	ctcctctgtg	tgtacttcat	agaagggtgga	360
atcggacaga	ggcagggttag	tgacagttat	tcctgaaata	caggagcaga	gtacagtcctg	420
ttgtgggttc	ccggattccg	cgcctagctc	agccaattaa	gcatgagaca	taggccattg	480
agccacttag	tagttatgcg	agtggataga	ttggtatgta	agagggaaag	aggtctgctg	540
taaagaacaa	cacttgtttg	tctgtgggga	aagaaaagca	gaatcttgag	atgaaagttg	600
gcatacaaat	aggatactat	cgccagtagg	ttatattaca	aaacatttat	cggg	654

<210> 148

<211> 539

<212> DNA

<213> Homo sapien

<400> 148

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tcaatttacc	agacacactc	tgtcaagact	tcatatactt	ccaacttgca	agcctgtggt	120
ttgccttctc	caacctaaaa	aggaaaagct	ttaaacgatg	aacttacatt	ctattaaacc	180
atcagacttg	agcttatcca	tctgttttag	gtgaatgtac	aaaccaggta	catttccacc	240
aaacacatag	aaaaatcttg	tgcatcacag	ttcagctaag	ggtagtagga	caatccttac	300
aatcctcctt	ggatttcttt	tttaagatgt	caaagaagca	ggtaagcaac	attgttcatt	360
tggtactggg	tgttctagat	caaaccttca	caagctatat	atatagcttc	atatgctata	420
gcttacaat	ggggtaacaa	agtaaaaagaa	aagaacaaat	tatactttga	cactttatag	480
tcaaagtata	attaaaaaag	aaatcctaca	gtgggtaatg	gagaaataga	taatttttc	539

<210> 149

<211> 273

<212> DNA

<213> Homo sapien

<400> 149

tttttggcca	ttctcctcaa	ggagccgctg	gatagtagtc	ttgattgact	tccaccttgc	60
ccctcataca	gtccgggtact	aaggccaccg	acatcccag	gaacctccg	aaccacgacc	120
gccaaagcaac	tcgacccacg	ataggtgggg	cctacgctct	cgaagttgat	tggtatgctcc	180
cgcctacagg	gcgggggtaca	gaagggacgt	catttgtgac	tggacgcgca	agagctatac	240
tcagcagctt	tcctctgtcc	cagcccctag	aac			273

<210> 150

<211> 200

<212> DNA

<213> Homo sapien

<400> 150

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<210> 151
<211> 515
<212> DNA
<213> Homo sapien
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<210> 152
<211> 243
<212> DNA
<213> Homo sapien
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<210> 153
<211> 620
<212> DNA
<213> Homo sapien
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<210>	154
<211>	843
<212>	DNA

<213> Homo sapien

<400> 154

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aagtttgat	gaaaattcat	ccctatttct	ttattttgga	ctaagtagtc	aaatttctac	180
tatattaata	ttatgtaagc	gacacccatt	taaattcact	ctctttgata	gaaaggtgag	240
ttgattatca	cacctgctat	tttttctactg	ccaaaragac	tgcaataacc	tccctccatc	300
accctcaaaa	aacaaacaga	aaccatctga	ggcatagcca	ttgtttacat	attgtgtttg	360
tgtgcaccta	tctacaacgt	tctttcttct	aaggagttaa	tctgccaata	tttctggcct	420
cagcagcagc	gctcttcttg	acagactaag	agaaggatct	acagaaaagt	catctgatta	480
aggttttggg	tcaaatataa	actctctgga	cagaatcctc	tttcttccac	ttggatttct	540
gcaaacagaa	agcagattat	tctcctggca	caatagcgac	tctagaaacg	cttatgtttt	600
tcagactttg	gcagaacttg	ttaagaacag	catcatcata	atacatttgt	acaaactcga	660
atttcagtgg	ctcttttgtc	ccacatgatg	catgatgaaa	tttataaagg	tctgttttac	720
ccccacaggg	tcatttcttt	tgtgttccta	cagagccaat	aggcttcatt	taagtccaag	780
ttattatatt	aaccatccct	ttcactagac	tagagaactt	ctttttcatg	gtccatatcg	840
tga						843

<210> 155

<211> 674

<212> DNA

<213> Homo sapien

<400> 155

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caattcatat	cccttaggga	aaaaagagga	tcaattcatc	actcaatatt	taatacagcc	120
aaaatgagct	gccaaaacaa	gcacacacac	aaatactgtg	aacagaaaaa	tacaagaaaa	180
tgactaagct	gggagtgctg	acgggggtatg	gacattgctt	aaagcactta	tcagtcccca	240
gaaaaaacaa	accaaaaaca	ttttttacga	tggcattggcc	tcatggcccc	ctttaaaact	300
gttgatggta	acaaagggca	gggggtgggg	agagaaaaaca	caatcactgc	tccctttttg	360
ctcgccagtg	tgactgcacc	cctcacggca	ccggcatgta	cacaactacc	acacaaggag	420
gaccaagtcc	ctctgctggt	ggcctcctaa	aaggcaaggc	ttgagttttg	gctgatgagc	480
aagttctctc	cgttaccaat	ccctgccaac	cagcactacc	atggctgaat	tgatctaccg	540
ttttcctgag	taaactgtaa	ctggctacag	tttcggtaac	atggaaaaga	actcagctac	600
tacagccaac	tgcaatactt	caggaacccc	ctccatccct	ggggctcctc	actcctagtg	660
catcttgatt	ggat					674

<210> 156

<211> 671

<212> DNA

<213> Homo sapien

<400> 156

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gattcaccat	ttgtcaggct	ctcagggtta	acaaaaacct	ctatcaccat	catccttcaa	180
cagccacagt	ctgaattgag	ccaacatttt	tttttctttg	agaaaagaagt	gggctggggc	240
acaactttta	gtctgagggg	agctagtagt	cggcttgaca	attaaagcca	tccataacaa	300
cttttccctca	aatgtgttga	ctcctcaggg	gctaaactgc	tcttagctta	gaattatgct	360
ttactagaga	tctaccatat	aagtgggtta	atcactacca	tccgtgtaact	agttatatag	420
cttcagagaca	tgagggagac	atcaaacagg	gatggaagca	acccaagga	tatgcaagaa	480
gggcatgatg	aaccccttct	cctctggcag	gagaacaagg	ccaaccaagg	gacagactgg	540
aaagcactta	gatgtttaag	gaggagaaaag	gggaagcttt	gaccagtcct	tgctttttgc	600

caagttcagc cagttctccg ctgcttgcaa cctctagcgc agtaacattt tgcagaattg 660
cagattttcc c 671

<210> 157
<211> 474
<212> DNA
<213> Homo sapien

<400> 157
cgcgttcttt aattctttta gcctagaaaag tcctttacac tacttaccta aaggtcccaa 60
agtaaaacac acactagtag taaggctagt gcatttccct tctagcactc aaagaaagct 120
taacattttt gacagtttgc aaataccgcc ttgtatttct gattcagcct tattcaaagt 180
atcataataa aatattttatt aaatstatgt tgatctgcgt gcatttatga tctccagatt 240
aacgttaggc ttctctgttg ggcctaact tggaggtgct tttttggatc cctcctcccg 300
tgattcattg taatttcatt tcccttgctca tggctctgac cagagaagat tctaaatatc 360
tgccccaaa gccaaaatta tatcttttga aaagtgaat gaagagttga gtcastaatt 420
tatttttagat attactgcct aaaacaattc cccaaaattt atggaagttg gagg 474

<210> 158
<211> 584
<212> DNA
<213> Homo sapien

<400> 158
ttggattctg cagttccaca tcattcactc cggcaaagga gagaacttgt aacaaagatg 60
agtgccaaagt ttagtcaatt taccctacct ggaatactat atacaactct gggctctcatg 120
tgtgttaaaa tacatacagt gaagctgagg aagagccact gaagtaaaaa gtattgttta 180
caagttggaa aggatgtaaa aataatctaa agtatactaa gtcaggaata aaaggcagag 240
ttaataaaat tgtggctggg actgatagac gaaacagata tattttctaa atcctggaat 300
aattattaaa aaattttaca tgtatcaatg gattccagac tccatatttt aagtttcaca 360
actactgtca tttaaaacta taccttattg aacgtctccc actctcaata aattacccca 420
aatcactctt ctccaaaacg taaattttgga acacactgac ttacaaattt tgggcttaat 480
ttataggatg ttgtggccct caaaaatatc attgtgggct aaacaaaata aattcttgaa 540
acaattctaa aaatcaatca ttgtccaaaa tgaacttttt ctaa 584

<210> 159
<211> 671
<212> DNA
<213> Homo sapien

<400> 159
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agatgaacca atccattgga agattactaa aattgtatct tcccaatgcc tcctacagta 120
agatttcttt ataattataa cccttggaaga caatttgaac tttatttaaa tgttctgctc 180
aaatctaaat ttcttctctc taggctgaag cctgatctaa ataaggaagt agtgggata 240
tatccacagg ctgtcgaaca tggagctgca tctgagagac aggtggcagc aacccaaaagc 300
aaagcagggg ctgagaacag gcaggttcca agagcaaaat ggaacttgaa agccaagtat 360
ggttactgt aaaggagaaa atatagaaat acggaactag aacacctggg ctgggatgtg 420
gtaagcacc aaatatagga aaaactgtat gaattcttgt gaagcagtaa actatgatag 480
taatcatgtg acacatatga taacaaactc aaacagggga aaagaggggc tttattcaat 540
gctggagata agtgaaaaaa aaagtgaagt gtctcaagga cagaagttat catctcaaaa 600
aggcatatca gctagatctc gcggaaacca tatgattatc ataattctag actctgttcg 660
gtattacaaa g 671

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<210> 160
 <211> 315
 <212> DNA
 <213> Homo sapien

<400> 160
 ccagagaggg agggctctgc ttcaccacag ggcaccagaa gaggactggt gcgcgggaag 60
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 atgtcataag gattttaact ttcatgtaac ataattgctg taaaagtttc cccagtttgt 180
 tttgtgctat ttaccctggg gttaaaatgt gtaagaattt acattttagg tatgttaggt 240
 ttattccttt ttatatgggt tctgtttgaa attttgattt tagaagacat tcattctcaa 300
 ggtcataaaa cacac 315

<210> 161
 <211> 607
 <212> DNA
 <213> Homo sapien

<400> 161
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 aagggattat aactcactgt tattttgata attgagataa atgtacgtac aagtgttttg 120
 aaactgtaaa gtgcattata aacagaggga tttaccatag aggttctacc ttgatgtatc 180
 aagagaagcc ttttctggaa tctggtgcag ccttgtgaga tgctgttagg taaggggaact 240
 ccttggtaga atttcttaca tttgtgtaaa aagttctggt tcctgagtaa ttccaaagaa 300
 gatgctatga ggagttcact gtgcctttga tttgatccca atgggtcaga atatgttttc 360
 tcattcagta ggctactaca ggatttgaag tagaaaaaac aggttccagt gaccttcacg 420
 ggatcctaga tgttcatgaa tttcaatcat ttgagattgt ggggtgtggt ccaatgtctg 480
 tctcaaaaag atgttgcctt tcttcasaga gcattaataa ctaaaaaatc ccctgggtccc 540
 aaattttattg tgtgtmtctg aaggctttta ctgaagaaat gaaawgcaca ctcatggaac 600
 aaactaa 607

<210> 162
 <211> 443
 <212> DNA
 <213> Homo sapien

<400> 162
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 catcactaaa gtctcttgaa aggcatttct gtattgggca agatttataa tactaaagcc 120
 ttaggtccta ttcatattta aagtagcatg tttgtaacct gttactatct ggagagagaa 180
 gcagttgcct gccacaattg aagactacct ttcaaatagc aaaagagaga gagaaggctg 240
 atatttcggg cttttaaata aagatttgtg tgggtctgct tttactgtaa ctgtcacttt 300
 cccagtgaat atgatttcat atacatttga gggctttaca sgtatgggta aagttctata 360
 aattgcaaca aaatgatacc caatttcat ttatcctttt tgtattgtga aactggaaac 420
 tttatgacat tgtaaattat cag 443

<210> 163
 <211> 686
 <212> DNA
 <213> Homo sapien

<400> 163
 caggcaaatt atagtcaaat acatcacccc cctcaggcat ctgtggcaag gcatccctct 60
 agagaacaac taattgatta cttgatgctg aaagtggccc accagcctcc atatacacag 120

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<210> 164
<211> 706
<212> DNA
<213> Homo sapien
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<210> 165
<211> 427
<212> DNA
<213> Homo sapien
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<210> 166
<211> 124
<212> DNA
<213> Homo sapien
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<400> 166
accatgtttt cgttggtgtg gagcagggaa gggaactttc ctgccttatt taaacctggg    60
ccgaggattc gtggaatctg cttgatcaga gactctgagg ccaaaaacgc atcatacttc    120
ttgg                                           124

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<210> 167
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 167
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 gtcaccataa ataaatgtaa attcattgta caaaaattcc caacaactct taatacaaat 120
 atggtacatt tgacagtttc tgaacagat tattttttaa acttttttaa acctaagctt 180
 tatttttttc ctggttatta gacacacaca aaaaaataa aaaggaggctg gg 232

<210> 168
 <211> 677
 <212> DNA
 <213> Homo sapien

<400> 168
 tttcacaatt aaccaacatg caaaaattct cagactaaac actgagaaat tcttcataca 60
 atgcatttgc caccttattg cattttttaa atctttattc tatagtgaat tggatttccc 120
 aatctgccta agcaaaggca tgcccttcta acaagatttg cttagagcag aggtgataga 180
 aggaagaatc cgaagaccct ctggcatggc aatctgggag cagcacattg ttgatggagt 240
 ccaagtgagc acatttcaca caattcattt agtgacaagt gggcttgctc ccttttcac 300
 caggaaaaaa actactcaca gaccactgcc cagaatctgg aataagaacc ctcatTTTTaa 360
 ggtattcttc ccaacaaata aatatctaaa tattgaaagg gggcatatca gaaaacttaa 420
 aagacacaat aaccaaaacc aaaaccctct tcaaaacaag taagcaatgt ctgtatttag 480
 ttactcttaa aacattctta gcttttcttg cagtttggtc ctaaaagatt tgattgggca 540
 caagaggaac gaaattatta ataaaaataa agcttatttt tgtttttgct gtggataatc 600
 ggtacaaaac gtttccagat ctgagactta aatggatctt ttaagggtgaa aaggagaatg 660
 ccaggttcta ctgaaat 677

<210> 169
 <211> 635
 <212> DNA
 <213> Homo sapien

<400> 169
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 gacgcacatt tttgtactgg cacatattct tagacgacca attatagttt atggagtaaa 120
 atattacaag agtttccggg gagaaacttt aggatatact cggtttcaag gtgtttatct 180
 gcctttgttg tgggaacaga gtttttgttg gaaaagtcgg attgctctgg gttatacgag 240
 gggccacttc tctgcttttg ttgccatgga aaatgatggc tatggcaacc gaggtgctgg 300
 tgctaattctc aataccgatg atgatgtcac catcacattt ttgcctctgg ttgacagtga 360
 aaggaagcta ctccatgtgc acttcctttc tgctcaggag ctaggtaatg aggaacagca 420
 agaaaaactg ctcagggagt ggctggactg ctgtgtgacg gaggggggag ttctggttgc 480
 catgcagaaa gagttctcgg cgggcgaaat caccctctgg tcaactcacat ggtacaaaaa 540
 tggctttgac ccgctaccga cagatccggc cgggtacatc cctgtctgat ggagaggaag 600
 atgaggatga tgaagatgaa tgaaaaaaaa aaaaa 635

<210> 170
 <211> 533
 <212> DNA
 <213> Homo sapien

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<400> 170

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tttttagctt	ccactttggg	aacatgtcaa	agcacacatt	gagaagtccc	atgagtgaaa	120
gagatgttgg	aaagcccttg	aacttggtcg	ttaggaaaca	tccacactga	agaggaacct	180
gactgtatgg	aaggtcaaaa	aggctgtatt	aattttacatg	caaaaagtca	cactagagga	240
atgccatata	agaatgcttt	tggtaaatat	acatgtttta	aagaggttat	atatcattaa	300
taaaaatata	tagctggtct	gaagaccctg	agttatctca	attgttcacg	gttacagatg	360
gaactcttta	ttattgagga	gttccactct	ttccccatt	tgtcactact	acacttcctt	420
agtctttaa	acaatttttag	gctgggtgca	gtggctcatt	cctgtaatcc	cagcactttg	480
aaaggccgaa	gcgagtggat	catttgaggt	caggagttcg	agaccagcct	gga	533

<210> 171

<211> 568

<212> DNA

<213> Homo sapien

<400> 171

cccttgscaa	actttccctt	aagtattgca	ctacaagtct	aagacacttt	tcaactcaaag	60
ttccttcctt	ccttacctct	cttttaactt	ggagtcagac	tttcatcagt	ctgacaactt	120
ctccctgtct	ccttcctttt	cccccttca	caagcatttc	acctaacaaa	tttcttatgt	180
gcttaatccc	ctcttagaag	cagatgccaa	gatgggatta	agcacataag	aggtcctgga	240
ctaatacaat	gacaaaggct	ccccttgaag	catcacacta	aaaggaaaaa	aaaaaaaaaa	300
acctagccat	tttacattaa	ctattttctaa	aatatagtat	ttgcttccct	atttgctaaa	360
acaaaaatata	ctaaacatga	ctattccaaa	aatctgtagg	gtactaagaa	tatgaagaga	420
ttcactctac	ttcaggggat	ggagttgtag	tagaaaaggc	tttgtggagg	gaggggtggtg	480
tttgaaatgt	actttaaaag	ccatcctcaa	agcctcgagg	gctataacctg	gcctggtgat	540
tatccaagga	cagtccattc	aaacaggg				568

<210> 172

<211> 167

<212> DNA

<213> Homo sapien

<400> 172

ccattttacag	gaatcagcca	cttcagttca	gacagcttta	ttaaaccgcc	tggagcgaat	60
tttogaagca	tgttttcctt	ccatacttgt	ccctgatgct	gaagaggaag	ttacttcctt	120
gaggcacttg	ctggaaacaa	gcactttgcc	aataaaaaacg	agagagg		167

<210> 173

<211> 391

<212> DNA

<213> Homo sapien

<400> 173

cctcccaaag	tgctgggatt	acaggcatga	mccmccmcgc	cctgatgata	gacacgtttt	60
taactttctaa	aaatatatga	tcatgattgt	gtctgtggag	acttgcacat	atactaaatt	120
ttaamcaatt	agagatat	gttcattacc	acatttttggg	agtcattatt	tcctctatga	180
agagagaaaag	gaatttgata	caagttcaca	ggggcttcca	gtagattgag	acttttattt	240
ctagctgagc	tgctgatgta	tgaatttttt	ttgktattat	gactttcata	tgtattaaaa	300
ataaaatgaa	aaaacaagg	attaggtgag	gaacctatac	gtctctaata	tgcaaaatac	360
cacagaaata	atgactgktg	ggaaaattag	g			391

<210> 174

<211> 474

T0E0S0"92964B60

<212> DNA

<213> Homo sapien

<400> 174

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agtctccttg	gggatagatg	gggagatgga	aggacgatgc	ctgtcctacg	gggtcttggg	120
aggttaggga	tacacactgt	gagctgccac	aggctcaaca	gtacggatag	gggggtgctgg	180
aaccagccag	ggctctgata	accaagctat	gtgccccatg	cagaggaagg	ggtagtggca	240
cactgaacca	cccagccaca	aggctatctc	cccatacagg	gcacctttaa	aaaaattatc	300
cttacagggg	aagacgggga	ggaaggatga	actgtgtgcg	gtgatgttgc	agtgagtgtg	360
agtttgtgtc	cgtccgcttg	tatgagggcc	taccttttac	taactagccc	ccaactttca	420
ttatctcccc	tttttctgtc	tacccttctg	cctttttaaa	gtggcttgca	atcc	474

<210> 175

<211> 655

<212> DNA

<213> Homo sapien

<400> 175

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gcaacatgta	cccacaaatg	ttccaggagg	taaataaaaa	atacaattca	gcctcttcta	120
aaccatcctt	gttgatatct	ctgtacttcc	cgaaagttaa	ttcgttatct	ggactccata	180
atttttcccta	ttaattcacc	ctatgtccaa	ctccaacagt	gaaaaaaaatt	tatttaattct	240
ttgcaataag	cctataggca	ggcagcatta	tcctcagtct	gcagataagc	taaggctcag	300
agaagcttgt	atactgtcac	ttaggtagta	attgcaagag	ctggcattca	gacctcagact	360
gtgggactcc	tactccatt	ctctttcccc	ccactaggct	gctccttaaa	atacaatgga	420
tgcttgatga	acgcttgtgg	gaatcctggg	tggacacagt	tccttttcgg	ccaaaagcac	480
cttgacgact	tgtgaagaat	taatctggaa	aacttaacct	atttataaaa	acgtgttatt	540
aagggcaggt	tattcccacc	ccctttacca	aagaaaccgg	ccctgacctt	tttttactgg	600
gggttggtct	tgggcatttt	caacaagggg	ggaacagttt	aaaaattccc	ccctt	655

<210> 176

<211> 660

<212> DNA

<213> Homo sapien

<400> 176

cctgggtcaaa	gtgggcatta	ccattcaagc	attactagac	atcaccgtaa	cgaaggctct	60
gttcacatga	aactaccctt	tctccattgg	gggctcagac	tctgctctca	tccaggatcc	120
tgaactctgc	tccaggcacc	tgttcaaccc	tctctccac	ccactgcctg	tcacttcact	180
gactccagtt	acattgaaac	aattttcagt	ctaagggagg	attttctacc	tttcagagct	240
gacctccgac	tttaagactt	gacaggtatt	tatcttgaaa	ccagagaggg	agctggagga	300
aaaaaaaaact	gagcaagcac	atcaatgcct	tttccaccct	tcttcacctt	ttccacactc	360
accgactgcc	attacaaaaa	cgccaagcac	aaccggtttg	gaacaagacg	cattccgttt	420
taattaaaac	caactcatta	tgtatttttag	tgggggggaa	gggggggcaca	atcagggttt	480
tcaccaccaa	attttccaca	cggttttctga	acaccattgc	cttttaaaaa	actatttttc	540
cacctccaaa	atattttattt	aaattttatt	tattacggag	gtgggtattct	tcctttggga	600
gccaaattgg	gaaatttagg	gaaccttttt	tattaccggg	ttttttgggc	gggtaaaccc	660

<210> 177

<211> 459

<212> DNA

<213> Homo sapien

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<400> 177

ctttttctct	tcctctgtgg	aatggtgaaa	gagagatgcc	gtgktttgaa	gagtaagatg	60
atgaaatgaw	tttttaattc	aagaamcatt	cagaamcata	ggaattaaaa	cttagagaaa	120
tgatctaatt	tccctgttca	cacaaacttt	actctttaat	ctgatgattg	gatattttat	180
tttagtgaaa	catcatcttg	ttagctaact	ttaaaaaatg	gatgtagaat	gattaaagggt	240
tggtatgatt	tttttttaat	gtatcagytt	gaacctagaa	tattgaatta	aaatgctgkc	300
tcagtatttt	aaaagcaaaa	aagggaatgg	aggaaaattg	catcttagac	cattttttata	360
tgcagtgtac	aatttgctgg	gctagaaatg	agataaagat	tattttattt	tgktcatgyc	420
ttgkactttt	ctattaaaaat	catttttacga	aaaaaaaaa			459

<210> 178

<211> 720

<212> DNA

<213> Homo sapien

<400> 178

ctgcaagctc	ccactccttc	cattttatctt	aacgcccagg	ctgacttcta	agctgctttt	60
cactttccta	cctccactgc	attttcgccc	ctgataattt	ttgtaagctt	acctaacctt	120
cccttctttt	gagatccctt	tcttaaaaagg	gtccattcta	ttaaccctac	cccatatcca	180
gttactttta	ctacctgctg	atctatcgct	accttgcca	attcatggga	attacaggggt	240
gcactgggac	aagagtataa	tgatccaaca	aacataatgt	tgcatttaaa	aaaataagct	300
aaaagatact	gatgactttt	tataactaca	acatattcgt	ttgtgaataa	gaacatatat	360
agtaaaaaga	tgaaaatgtg	aacagggttg	ctatttccta	aatttatggc	agaagggtgt	420
tctggagagg	atgggaagaa	aaaatgaagg	ctggcagtga	tgggtgggga	aatgcaacct	480
ccaaaattat	ctatctatat	atttttatta	aaaacaccca	cagtaattat	ggcaaagtgt	540
aatgggttgt	ttgttctaag	gttttgata	catttaagat	ctcttgcttt	ctgggtacca	600
tttcttttct	tttcttttct	ttttttttca	aattaattcc	aaaagactta	tatctgctac	660
atgaagaacg	aagcaagttc	agctctcttg	gctgaaatgt	tcaaagtctt	gaggggcaagg	720

<210> 179

<211> 427

<212> DNA

<213> Homo sapien

<400> 179

ctgtgaatct	gtctggttct	gaacttatctt	tttagttatt	ggcaatcttt	gtattactat	60
ttcaatctct	tcctggttta	atctaggagg	gttgatatatt	tccaggaatt	tatccatctc	120
ttgtaagttt	tctagtttat	gcacataaac	gtgttcatag	tagccttgaa	taatcttttg	180
tatttctgtg	atatcagttg	taatatctcc	cattttcattt	ctaattgagc	ttatttgaaa	240
cttctctctt	cttggttaat	cttgctaata	gtctatcagt	tttatttatc	ttttcaaaga	300
accagctttt	tgtttcattt	atcttttgta	ttgtttttgt	ttgtctcaat	ttcatttagt	360
tctgctctga	tcttcgttat	ttcttttctt	ctcctggggt	tgggtttaga	ttgttcttgg	420
tttctct						427

<210> 180

<211> 728

<212> DNA

<213> Homo sapien

<400> 180

caaacacaaa	agtcactgtg	tgtgtgatgc	ttctccaatt	ccactcatcc	tggctgccat	60
tcatgcacta	gtgcatgtat	gcattttttac	atttttttaa	ttacaaaaat	caacctatta	120
taactgctta	gatataatg	aagtaaaaat	gaaagttctc	cctttacatg	acccatcccc	180
catcatttcc	ctctttatct	tatactgtca	gcattcccag	ctttagcac	agtgtctggc	240

F0E050" 92954860

aatagtaa	aat	cctcaaaaa	tgatcaatga	ataattta	aatgatta	aaataa	300
atgatgat	gg	tgaagata	ttttagcatt	tattgaacgc	taactacaaa	ccagggagt	360
tggtaa	atat	tttataaaa	tcaatgaatg	agctaaaatg	ccattctatt	atttttttg	420
atacgg	ttta	atattttact	cataaatatg	cttaaagaat	attataatta	tatgacttag	480
aatgg	taaaa	caatatgtac	agcagtatcc	tatttttttag	aataaaaa	taaatatgtg	540
ctcacat	atg	tggttggggc	atgcctagaa	acccgattag	aacgggattt	tttcttacca	600
ccatt	ttttt	tacctgggaa	aaatatggga	aaattttatt	tcccttcttt	ttggttctaa	660
aat	ttatata	caggagccta	tttggtcttg	gataaatcat	tttaaaaaag	gtggttttaa	720
aaaa	aaaaa						728

<210> 181
 <211> 546
 <212> DNA
 <213> Homo sapien

<400> 181							
acaatc	cttt	ggaagacact	actgggcttt	gggtgctgct	ttttaataat	tgagttat	60
tgagct	tgcc	aagtaggatc	tattgcctgg	actaaaat	atttccta	cttctgat	120
ccaaga	aagg	aaaaattaag	tttgcagatg	ggagatgaaa	tatagccagc	gaatatgc	180
actggt	tctg	aatgaaagga	attaactttt	cagtcagaa	acagtctgca	tgccgtaa	240
tgaat	ttttc	ctgcaactgg	aatgattgg	taattctttt	tgaacactgg	cctttctccc	300
caaga	acact	aatgaattgc	taatattttt	taaagaaaac	tggtttttta	attaggtaa	360
ctocac	ttcc	tcttattttt	taatccctaa	agaaaactgt	taaaagggaa	tgatctatc	420
acgcct	ttttc	ttttaaaacc	acctttttta	aaaaggattt	ttccaacccc	caatttgctc	480
ttatt	tttaaa	attttgaacg	ccaaaagaag	ggaaataaaa	atttttccct	taattttacc	540
ccctta							546

<210> 182
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 182							
ggccact	ctg	actgggtctg	ctaattcaca	tgctctttgt	gacatacggc	tctaagaggc	60
agaggct	gga	agagaagtat	gtgggtttgt	ggatcaagat	acccaagttt	cagtcttgac	120
actgct	tatta	cttagtcagg	tgaccactgt	aacttcactc	tgattgagcc	tcagatgtct	180
cacctg	caaaa	atggagtttg	aaatttgcta	tggttggggtg	tcacacggat	taaatgaa	240
aatgc	ctgtt	aagcgcttat	ccagcactta	ataagatggc	cactgcatca	taatgctttg	300
ggcaca	agta	acacaacatc	caacccaaag	ggg			333

<210> 183
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 183							
ctgaat	ttct	tggtctttat	gtggcagtg	ggtaaaaa	tatgatcaga	tttactgtt	60
aagaaa	attc	tttcagcaat	acatgtagag	tcaagtttct	tgcattggata	actgaacatg	120
tgggt	tatga	gatttttaaaa	aatgtctcgt	gacaaaacttt	acggaaatgc	aacaatctgg	180
acatc	tagtt	ttgtctgaga	gtggcgtgga	tatgaagaac	tgtgctgttg	gtgctgatgc	240
cacact	aagt	tttggcagtc	acactcttgg	ttcttcatat	ttgaggagat	gggatggatga	300
ggagg	cctgt	tggtctttatt	ttattacgtg	ccaccatcta	gaatacagat	tcttgatata	360
ttcat	cttca	caaaggtgaa	gctgcaaact	cag			393

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<210> 184
 <211> 700
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 184

ccaggscawt	gaggaaaagr	gaaagaatwt	arrggstwt	caaataggaa	aaraggaagt	60
ccaaattggt	ccntgttkg	ccagataacc	atgattgk	athtagaaam	cccatgwt	120
tcagcccaaa	atctccttaa	gctgattaag	camcttcagt	aaaktctcag	gataaaaaat	180
caatgtgcaa	aaawtcacaag	crttcctatm	cgamcaatam	cagmcaaaaca	gagccaawtc	240
atgagtgrac	tcttattcac	aattgctagt	aagagaagaa	aatmcctagg	aatacaactt	300
mcaagggatg	tgaaggwtct	cttcaaagaa	gaactacaar	ccrctgctca	aggaaataag	360
agaggmcmca	agtaaatggg	aaaagcattc	tatgctcatg	gataggaaga	atcaatccc	420
tgaaaatggk	gatactgccc	aaaataat	atagattcaa	tgctatcccc	atcaagctac	480
cattgacttt	cttcmcgga	ttnggaaaaa	tctactttac	acttyatagg	gracaaaaa	540
agaagcccw	gtagccaaga	caatcctagg	caaaaaagac	caamcctgga	ggcatcacag	600
tmcytgactt	cmaactatwc	taccaaggny	tmcrkgmcc	aaaacagcac	ggkacntggt	660
mccaaaccrg	acwtwtwgac	cmmcagacac	agaacmgagg			700

<210> 185
 <211> 192
 <212> DNA
 <213> Homo sapien

<400> 185

ccagyccttc	ttttaagtaa	gcgctttttc	aagctcattg	tagctacaaa	gtcaataaat	60
tggtctttgt	tattttttacc	tgaaaaggct	gttaaagggt	aaaatgacaa	actcaaattc	120
aaagggattg	gaggatttgg	tgtttatgat	ttctcagaac	aacaatctag	agaccaccag	180
ggtgggtttc	ag					192

<210> 186
 <211> 688
 <212> DNA
 <213> Homo sapien

<400> 186

gtgctggaat	tcgcccttag	cgtggctcgcg	gccgaggtgg	gatatttctt	ctggatagat	60
ttcagatagg	tagttccctc	aaataagatt	atatgggttt	gcattttcaa	ggcagagttg	120
tatacttcct	gctctttatt	taaaataaaa	aacttgaaaa	tctgttctgc	ccagtattgt	180
aagcgctcag	gtacaaaat	gaatgaaaca	atctctgcct	aagtaacaca	agtatagggg	240
caagattctc	agtaaaaattc	tacogtgaaa	tttgtaactc	actagacact	atcaggagat	300
caataattat	gtaattaaaa	aaaataatta	cctgccaaac	tgggttcttc	tttggcactt	360
ctgcttggtt	ttaagacaat	tctcacatag	aagcttatta	ttccccatta	gtcattccat	420
agatgtaaaa	ctggtagaaa	caggacttga	attgaacatt	ctttacaagt	aagttatata	480
gcttctgaaa	aaagggcttg	aaaaagcatt	tttggggact	ataagaacct	tcaaatgctt	540
tccctcttta	acaaacctta	aaattatttt	gaaaataatt	taagggggct	gattttctct	600
tgtcaaaatc	ttgaacccca	cttaccaggt	ggttggtcaa	accaaagttc	aaaaaaaaagc	660
ttctggcctt	tcctttatcc	cacttgca				688

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<210> 187
 <211> 779
 <212> DNA
 <213> Homo sapien

<400> 187

gcaaaaaaca	gatacatttt	cagtgtttta	aatgaacaa	gtatggaaag	gcttatacag	60
taactgaaaa	gtctcctttg	ggaagccaag	gtgggaggat	tgcttgaggt	caggagttca	120
agaccagccc	aagcaacatg	gcgagacccc	atctctacaa	aaaattaaaa	aatcagccag	180
gcatggcgga	catacttgta	gtagtaacta	catgggaggc	tgaggcgggg	ggatcacttg	240
agtccgagag	tttgaggctg	cagtgagccg	caacgcgccc	tgtactccag	cctgggcaac	300
agagcaagat	gctgctctaa	aagaaatfff	cttttaaaaga	aaaaagtctc	cctcatagcc	360
tggtctacaa	aagtcctatt	tcttcccaca	aaaagcctct	ggtacctggg	gttagttctt	420
ggggtggaag	attactttta	aaaatagaac	tattttttta	gtatatcttt	tagggaactt	480
tagttcccga	agcttttaga	aatgggatct	tgaaaacaaa	agggatttca	atacctatga	540
caatgcttaa	agaattattg	gggcatttat	ttttcaatgg	aggggtccaca	aatcctttgga	600
aacccttggc	caattaccag	aagccacttt	aattttttgac	cgaaaatggt	tttaaaaatt	660
ggcttttgga	aaaactgtct	ctttcccca	aaatgaaaac	cttgaaaaaa	aggggaattt	720
ttaaggttgc	cccctcatta	aattttaacc	cctctgaaag	aaaacctct	tgtgacag	779

<210> 188
 <211> 394
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 188

ggcgamgtct	ggyccaccatc	atgcccttta	atcaactcac	acctgtttta	agagtgtttc	60
tgatttgacc	ttcatccctt	agtttactgg	cgttaaaaaa	agtctcagca	attttcatta	120
tttctcgtgg	gtctcattat	caaaccttta	cttatttcgg	catatttcct	ctgggcttct	180
tctagtttct	gccttacaag	caatgctggt	ctgtaaattt	attgaaacct	ctggaacatt	240
tcaccttttag	agatggagga	tggaaggatt	ggyaccagaa	gagggctaag	atacgtytc	300
tgtcttngag	ctgaaagcac	agyctaactc	ccttcgtttt	gycgatgaga	aaagttgagg	360
ccagaaggga	ggtgacatgt	ttagagtcac	ccag			394

<210> 189
 <211> 681
 <212> DNA
 <213> Homo sapien

<400> 189

aagttctgac	tttggcttat	aaaacagggt	tattggctgt	ggctgcactc	aatatctaaa	60
aagttattag	gaagtgcctc	gttattgtca	ttaaagatat	ctaaatatgg	tagaccaaag	120
gttggtgaga	aacacatatt	atggactgag	ttctgtttct	tctgctgtgg	cgcacctaa	180
ctcaagcctt	ccttctctcc	ctccccctt	ggccggcatg	gtatctgagc	tcacagacag	240
acaaggcatg	ttagaatcat	cagatcatga	gcaccgtgct	gggatttagc	cctctccaaa	300
gtcaattctt	acagtccata	ctttgcttaa	atcctcagtt	gttgaggtct	gctctgctgt	360
cagtaatccc	agctataaat	ttcccccaaa	tgtggggcct	agataaagta	gaaggtggat	420
ggactcagct	tattttcatg	ggatgacagg	aactggaaag	agaaagggca	ttgaaaataa	480
aaagttattc	cagaatagca	ttaacctctt	tactgttcaa	gaattaagaa	agcctactta	540

gaaatgaggg ccttgagaat gatacccaaa tattggtctt tctaccaaaa aatggccttt 600
 ccaaataatct gctttcctgt tcccgaattg gctttttaag tagaattaag ttacctaaaa 660
 ctttacctga aggggtggtt t 681

<210> 190
 <211> 839
 <212> DNA
 <213> Homo sapien

<400> 190
 caaatacatg atttccattg gcatagactc ttctatagtc tctcaggcac accttatgac 60
 taataagaac actgtcttct agatataagc caagttttag gagttatctt ttagtcttct 120
 gtgttgagac tatgggtctt ccctgtgcaa agacttgatt agcaaatact atttgaaacg 180
 atcccaaatt catagtgcag ttgaccaccc ttctgatcaa ggggatctct gtatatccca 240
 tgaaagcttc ataggtctca ccctagatta agtgcttcac ttctcaagac agtgaacaga 300
 tggaagactt ttgtagttat cattatacaa ctgtgccctg tgtgttttat tatacaacca 360
 gagaactgag gcaactggctt tacctgtcag ctacgccagg ggtgtgacgt catctttctg 420
 acttgatcac acatgccaca ttgcttaata ttccaagctt agactgaaat aatcctgtgg 480
 taaaaaattt ttgggggggct ggggaggtaa agaacaagg ggggaacttt ggaatatttt 540
 tattcattaa tcatatttcc cgaattgtat tttattttga aatgaccata agggacttaa 600
 atacgtattg tggttaaatt aaatggaccc aaatggaggt aagtaaacct aatgggacaa 660
 atgaataaaa ggtttatgac tgggagcatt taccatgaa cctccttaga agctatttaa 720
 cctttctttt ggaaagccct gaaggctggg aacttaaatt ttaaagacag tacctatttc 780
 cagaatcgct tccaaatggc catgttttaa agggccaaca ttttgggatg gccctgccc 839

<210> 191
 <211> 697
 <212> DNA
 <213> Homo sapien

<400> 191
 ccatacctgaa tactgatttt ctaatggaac tctattcaat ggcgattgta aaacctgag 60
 gctccgttac tattatggag catactttca tctcattctc ggctattggg caatatgtat 120
 ctcataagat tttatcacat ttcacagatg aactgttaat tgattccatg ggtacgatta 180
 ggcgagatcc aagctggagc tgcagctctg agtcccataa attctttgtg cttctgtaaa 240
 gaataaatct gtttttaatg caaattaaaa ctactggcag ggaatttttg ctoactgta 300
 ttaaagact ggaaatgtgt aagtggagaa aggcaataac tgcagtaatc tcttaccgga 360
 ctctattata attccaaaca tacataatgg tgagaaaaac cgggaaggga agaattgtgc 420
 aatgtccact ctttgcccca aacataaccc ttaattttca tggcgggccc aaactactgt 480
 aaaaaccaa atggtaccct ctatagcatg caacttttat ttcactccaa acgaaaaatt 540
 attttgacta tggcttggga aatccattag tagaagaagt tttataacct ataggaaccc 600
 ggccatttca tttctacaa atcacaggaa ttttagaatg ggcaaggaa ttacaggaag 660
 acttgcccaa ttatcttttt ttgggggact aaaccaa 697

<210> 192
 <211> 687
 <212> DNA
 <213> Homo sapien

<400> 192
 ctggttacta tagctttgta gtataattta aagtcaggta atgtgattct tccagttttg 60
 ttattttctgc ttaggatagc tttggctatt ctggatcggt tgtggttcca tataaatttt 120
 aggatagttt tttgctattt ctgtgaagag tgtcattggg actttgatag ggattgcatt 180
 gaatctgaag attgctttgg gtagtatgaa cattttaaca atattgattc ttccgattaa 240

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tgaacatgga atgtttttcc tttattttggc gctctcttta atttccttca tcagtgggtt 300
ataggtttca ttatagagat ctttccttct tttgggtaat tcctacgtat ttaatttatg 360
tatcgctatt gctaaatgga atgacttttt aaatttcttt ttcacattgc tcctgggtggc 420
atattaaaag ctactgatgg atgggtgattt tggattctgc cactttactg gaattgggtgg 480
atcagttcta atcgttttct tatgcacccc tttacgggtt ctacatgtaa gaatatatca 540
ccttcaaaca cggataattt gacttcttcc ccatccaatt gggaggccct ttatatcttc 600
tcttggcctg aaggctctac ttaaaacttc ttatcccttt gttggaataa cagtggggac 660
aatggacat cccttgtcat ggtccca 687

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<210> 193
<211> 493
<212> DNA
<213> Homo sapien

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<400> 193
ctgctaaaat gatgttgcta aagcattcct ttttcttttg attaaacttc atgtttacaa 60
aaaaattaat tctagcagaa taacgaatgg ttttgttttc tagttctctg ctgaatgaac 120
agttttggcca attatcttca tagagtagtg atataatgaa tgcaacctca aatgcaaacc 180
aaccaattca cagtccatac cccaatcact tccttcatca gcctcaaaaa tcgctaagtg 240
aaccagtaga atgggttttg agcagtaata ggaaagcaaa tagaaagtca agggggactt 300
tcaacgccaa caagaccaat tcagatcctg atctgactgg tttctaatac aatctctttc 360
cagagtaatg gagcatgagt ctgccacaca gaactttaga gagagtcctt tatttcaaag 420
actgtaaagt tggaagaatt cattcatctg caaagtcaaa tgtcaaaagt tgtgcttccc 480
actcctcatc agg 493

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<210> 194
<211> 424
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

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<400> 194
cyagggcant tna gcangas aaggaaatan mggggattca attaggaac wraggakarw 60
caagttgtcc stgtmtgcag atgmsgtgat tgtatatcta gamcacccca ttgtctcagc 120
ccaaaatctc cytaagttga taagcawctt cagcarmgtc tcasgatscr acmtcwatns 180
gcraaantca cmwgcattct tatacaccaa tawcagacaa acagagagcc aaatcatgag 240
tgaactocca ttcacaattg ctacnmaaga gaataaaata cctaggaatc caacatacaa 300
gggatgtgaa ggacctcttc aaggagaact acmaaccact gctcaaggaa ataaaagagg 360
atmcaamcaa atggaagaac attccatgct catgggtagg aagaatcaat atccgkgaaa 420
atgg 424

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<210> 195
<211> 229
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

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<400> 195

tgaacaccct	tnggaaggaa	cctgctcgna	tgtannanaa	anggaccgga	cagtctgcta	60
aaatcgccct	ctttagacgc	ggcgcgccgg	ggcagagttt	ttctctgggtg	ctttgacctg	120
tatttggttt	aatggttttg	tcctaattctc	ttcaatcaat	aaaattgtgc	gtattttaact	180
aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa		229

<210> 196

<211> 557

<212> DNA

<213> Homo sapien

<400> 196

gcggtggctc	atgcctgtaa	tcccaccact	ttgggaggct	gaggtgggca	gatcacttca	60
agttgagagt	ttgagaccag	cctgggcaac	ataacaaagt	gagatcttat	ctctacaaaa	120
aaattaaaca	aacaaaaaaaa	caaatcaaca	ttcatttgca	gggctctttg	gtcttcttaa	180
agaacaaaca	tatgaaataa	ataagctgat	tcttaaagat	aacaaatata	atgagctttc	240
tcaactgtaa	aagcatctct	aagttgttct	atcaatgcat	atccactcca	tgaactaacc	300
tgaagaaagt	gttgaccatt	ctacccaatt	aactgtaaac	taagattgct	ttaatggttt	360
gcctaaattt	gagtaccctt	aaatttttgc	tttttatcca	aattcattct	cccttcttca	420
aattaaatag	ttttgttaga	aatcggataa	gcaagatgta	cttttttagaa	agggcaatag	480
aatcctacaa	catgctagaa	tttgaaatgt	ttttttaaat	cagtmmtttc	tctatgctag	540
taactaagaa	aattata					557

<210> 197

<211> 624

<212> DNA

<213> Homo sapien

<400> 197

ttttactacc	tatatttaaa	atgatccctg	acgccccctca	agacaaatat	attaattttt	60
ttactttgtg	ggatagagat	cagaaaaaga	gtagagatga	aaatactgga	gaaacaatgc	120
aggagatatt	tatgaggtga	gaatgtcaag	aaacttgtaa	agggagaata	ctataatgac	180
ccctgaagag	agagcttttag	accagttgag	tatttagagg	tgccacgtgg	ctattcatcc	240
actaataaat	acaagaaatt	actaaaatgg	aagccactgg	aaatatgttt	tgaggaaggt	300
gagaatgtgg	acctattata	aatgggtgaa	tatgatttct	ttctcattaa	gttcataaat	360
aactttcaga	catgtaacag	tttatgaagt	gtgccgtagt	catttagtat	aagttttata	420
cacaaaagtg	tttttactaa	gactgtcaca	ggttcttttg	tgaatcttgt	ttgtttttcc	480
tcattgtaaa	tactgcaata	gaacatttgt	gtcttaacat	aaggcaataa	atgaccttaa	540
gaaccttcac	ttttatatag	aaagtggagg	aaaagttggc	agagtaattt	gttgattata	600
gataaaagct	cttgtagaaa	ttgg				624

<210> 198

<211> 175

<212> DNA

<213> Homo sapien

<400> 198

tttttttttt	tttttttttt	ctaacactta	tgcattttatt	ttcatgtgta	agaagaaaaa	60
cgtaactagc	acgtgaacat	gactgcatgg	atacacggct	cagcacgagg	ctaaagtcag	120
aagtgagtga	aagcaaaacc	gcatgtttgat	ttaagtga	taacagaaca	gaaaa	175

<210> 199

<211> 871

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<213> Homo sapien

ctgttgatca	atgatgagct	cccaagagta	accagcctct	atatagtcag	catcactggt	60
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ttatttttta	aaaagccctg	acattttatg	actgctgctt	ttctaagata	ttttcaaata	180
tacagtccat	acggttcaga	cacaatggac	tggggataga	gacggctata	gtgccgataa	240
tggagaaaact	agccagagct	tcagatattt	gttttccagg	acatctcaat	aattgggtac	300
acctcacaat	atgtgagact	tgacgtcgag	tggcacggca	tactctggcg	caggcacttg	360
ataaaagactg	tgtttgcaaa	tacttagcct	gcacttcaag	ataccaggca	tctaagcacg	420
tcccagatgg	tgacagttaa	tcttcaaaaa	accctatgtg	gaagtattat	cattgtcctc	480
attttacaga	tgaggaaaaa	gagacacagg	gatgtcaata	tcttctcaa	ggtcacacag	540
caagtaagtg	atggaacagt	ggctcagcca	tgaagctatt	gctgtaacc	actaggttga	600
tttgctttca	ttaattttct	cctaaaaactg	cacattttccc	gttagtccct	ctttttggtc	660
tgtcgtttga	ctcttggcta	ctgcttagag	gaagattcat	tctattattt	tctaactttag	720
taaatatgtg	caactccttg	gggacatgac	caggcaaaaag	ctggatacacg	aaatgtatgc	780
ccaaacacca	tcccaagtta	cccctaacag	gtcttttctg	gaccctgttt	gtaagggggg	840
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<213> Homo sapien

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ctgaactgtc	catttctgga	ccatgagtaa	agatgctggc	tgtcaaaactt	cctgttcata	180
cattagttta	tttatagagt	gtactctcta	tgtaagggtat	tgactgataa	tgttactttg	240
acttcagata	gcttgcagtt	taatggagga	agaagacaaa	catgcaaata	actaggtcaa	300
tgaggcatcc	tttgtgttcc	attggaagct	aggctgcttt	gtaaccttgt	taatttctgt	360
ggttttggag	tgcattcatt	agcaaataca	ccccttgttc	ttatccattc	tctgcttttt	420
tctttatttg	gcatttgatg	acattttttc	atgtggggaa	attgagtcag	gtgaggtgga	480
aagaaaaata	ggacacgaca	ctaaattctt	tgatgttttt	ccttaaaaaa	ttgtttttca	540
agtgctccat	aaagggttgt	gaagttttta	gagccatagg	acttggatta	tctgtgaaaga	600
gtgtctctag	ggggccaggt	taaaccattt	caaggactct	ccttctctca	tctcccttgt	660
tgcacccagg	gtggcgagcc	ccaaaaagca	caaagcctcc	ctttcttcat	gggaagggtg	720
aggaacggaa	gggaacc					737

<213> Homo sapien

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tgagtataaa	ctcatctact	tcaaatttat	tttataacac	aacctaagat	actcaagata	180
attattttaat	ggttagctct	taagttgaat	tggctctacat	aatgcgtggg	aagaaaacca	240
gattttttagc	cttcttgcca	aatccagacc	tctggttgat	ttttctttga	cagaagatgc	300
aagttattttt	ccaatttcac	aattaaatgt	atttaacatg	aacattatttt	tgcttttaaaa	360
actataaaca	tgtgaggaga	attatagcca	gtcttcagtt	ataaccactc	caccctcctc	420
actttctctc	tctctctctc	tttttttttt	gctatgggat	ttaatgggaa	aaatatgtaa	480

aaactgtcac taa

493

<210> 202

<211> 283

<212> DNA

<213> Homo sapien

<400> 202

cctttttatc	tcagtgcac	cgtccgggga	cgcaggtggt	ggtgactcaa	ggctagcctc	60
aaagggcagc	cccacctcct	catcctggac	cacagagacc	acctgcttgg	cgcgcgcgtc	120
cttttccgag	agggtggctg	actccggggg	gctgggggctg	gggctgccgc	ccccgcgct	180
gttgcgttac	tcctcgcccc	agtcgatggg	ggctgccctc	ggacagcagg	tgcaggttgg	240
gggcactgtt	acgcaagacc	atgctgcccc	gagaggtaga	tct		283

<210> 203

<211> 713

<212> DNA

<213> Homo sapien

<400> 203

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caccaggagg	acagcaagaa	gtggagaaac	cgttccagcc	tctgccccca	caactacggg	120
ctggtgctct	acgaaaacaa	agcggcctat	gagcggcagg	tcccaccacg	agccgtcatc	180
aacagtgcag	gctacaaaat	cctcacgtcc	gtggaccaat	acctggagct	cattggcaac	240
tccttaccag	ggaccacggc	aaagtccggc	agtcccccca	tcctcaagtg	ccccacacag	300
ttcccgtca	tcctctggca	tccttatgcg	cgtcactact	acttctgcat	gatgacagaa	360
gccgagcagg	acaagtggca	ggctgtgctg	caggactgca	tccggcactg	caacaatgga	420
atccctgagg	actccaaggt	agagggccct	gcgttcacag	atgccatccg	catgtaccga	480
cagtccaagg	agctgtacgg	cacctgggag	atgctgtgtg	ggaacgaggt	gcagatcctg	540
agcaacctgg	tgatggagga	gctgggccct	gagctgaagg	cagagctcgg	cccgcggctg	600
aaggggaaac	ccgcaggagc	ggcaccgcag	gtggatccag	atcttcggac	gccgtgtacc	660
acatggtgta	cgagcaggcc	aaaggcgcgc	cttcgaagga	gggggctgtc	caa	713

<210> 204

<211> 275

<212> DNA

<213> Homo sapien

<400> 204

gtagacaagt	acagcagatc	cagacaccag	atctagctag	gctaaatgta	cagtatctaa	60
cttgatctga	actgaacctg	tattccttga	tgatgcctaa	aactacatcc	atagaattct	120
ggtgaacctg	taatacagtt	ctgaaagtac	agttttatat	aataagatgc	tgatctcttt	180
attctttcaa	gtaagagtgc	tagagaacaa	attgtgttac	ttgccttggg	atttattgaa	240
cgtctggaaa	atgctgtctt	cctagatcca	aacag			275

<210> 205

<211> 694

<212> DNA

<213> Homo sapien

<400> 205

ctgttcctgt	acattttaact	gaaaaaaaaa	taacttaaaa	taatataaaa	atagcactca	60
tgtatgtcct	acagttatag	gtgaaatttg	atattgtttg	tcttacatag	catacctata	120
gacagcttaa	gtaaagtgc	tgtaagagg	gttatgctta	ttgatgaact	ctttagttg	180

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cttaccagct	ctgttagtat	agttaaattg	atctcagtag	cttcaagtat	ttataaaatg	240
gttgaagtcc	aaatacatgt	gataattaca	atacactttg	aattaatgga	gggtgggagg	300
ctagttgaaa	tgcattttat	ttacccaagg	agtatgttaa	aatgatagtt	ataaatgttg	360
gaagtttaaa	gcaagatact	cagtttagtt	ctttacaaat	cataagaaga	acaaaattag	420
atgttgacat	tgctatttta	ggctgtgtgt	tttccatatg	cttcttgctt	tccctgtcac	480
aggtgggtgc	agcaatattg	gtgtgattga	ggttatgctg	gcaccactcg	cacacaggcg	540
cacaatgggtg	ttagctgggc	agaaagagtg	gcatctctgg	ctaccgggct	gggggcgacc	600
tttaccatag	gatgaagtaa	ccttgcatte	ggctgcaagg	tgtactgtac	cgtacacagg	660
tgctgggtcg	atggccactt	tctgcttttc	tttc			694

<210> 206
 <211> 704
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 206						
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ctcaggggat	ttgcccgct	cacccaattc	aactttcgta	agtcagtatt	taccatctaa	120
ctcagtgtcc	caaaatttaa	aatttctttg	cactttacag	caaaaataca	tattggggct	180
ctactgaagc	aatatatata	tgtcaaaact	aaaaatcaga	aaagcaaaag	ggtccattca	240
acatatagca	gcttatattt	aaatatgtac	aggtatgtat	gttttcacag	ttagatcttt	300
aaaaaaatth	atatttgata	tgttcaaaaa	tacttctatt	ggctataaat	aatattttta	360
aagctcaact	gatcaaaatg	cattccaaga	acatatcaaa	ttaaataaat	cttctacgtc	420
tttaaaaaca	gataattgaa	gtcagtaaag	cttgagggtt	gtgttaagt	tattctgtca	480
gtccctacta	ctaggggaag	cagaatcttc	taaatacgat	acgaaagaaa	ctcccaaagc	540
ttggaaggaa	tgggcagctc	ctgaactttt	tggggggggc	atccctcttc	gggattgaca	600
tgcgacataa	atgttgcaag	ctaagggacc	ccccccgggg	gagtgggccc	caaaaaaac	660
cacaccttcc	ccgtcaatgg	tggtccccc	accaacctta	aaaa		704

<210> 207
 <211> 225
 <212> DNA
 <213> Homo sapien

<400> 207						
ccatttttaac	tgtactgcca	atagaattct	ggaattgtgg	aaaattgtat	cattgaagtt	60
cagtaggatg	tgtggcttaa	aaatttatca	ggaccacaaa	aaagaaaaca	aaaatatttg	120
gtactgaggt	tcattgccag	ggcaggaggt	atttccagaa	aatactcatg	cctgtgttct	180
gttccttgct	ttcccaaata	ctgcatgtga	ctttcctaag	cggca		225

<210> 208
 <211> 678
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

<400> 208

cctatatcta	tcaaaaaaaaa	tccagttcct	aactaataat	ctccccaaaa	gaaagcacca	60
ggaccagatg	atataaatgg	caaatttttt	caatcattta	aggacaaaaat	aataccaatt	120
ctgtatcatt	tcttccagaa	cacttcctaa	ctcatcgtat	gaggccagca	tcactcta	180
agcaaaacca	gataaagcca	ttacaagaga	gagtgcagca	ccaatgtggt	tttattgagg	240
atgcaaacia	aattttaacat	aatattttaat	agtgaiaaac	tggatgctct	ttccctaagt	300
tagagattaa	ggaaagaatg	ttcccttcac	tactcccata	caacacctta	ctgaaaattc	360
tagctagctt	tataaaataa	anaaaaaacca	naaaataaaa	taaaagggtg	acagactgga	420
agatacagtg	aaggaggaag	aaataaaaatt	ttctttgctc	ataacatgat	tcttctatgt	480
ggaaatcaca	gagatttgaa	catttttttt	ttttgagaca	gtttttgctc	ttgttgccca	540
ggttgagagt	taatggcgcg	atctcggctc	actgcaacct	tcacctcccg	aattcaagg	600
gattctcctg	ccctcagcct	ttccggagta	agcttgggga	ttaacagggc	atggcacccc	660
ccatgcccc	agctaaat					678

<210> 209

<211> 720

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 209

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aaagtatgca	aagagtagga	aattattctg	atgacatatg	gaggggttaca	aaggagaaaa	120
ctttttgcta	cctctgataa	agaatagact	aaattctcca	agaccaatct	gactggtgtc	180
ataataaaag	gaggtacaca	cggaaagcaca	agggatgtgt	gcctctggag	gaaaggctag	240
gtgaggactc	agtgagaaga	caagccaagg	agccaggctc	tggagaagt	caaccctgtt	300
gacaccttga	tcttggacta	accctgtgga	caccttgatc	ttggactttt	agcttccaga	360
actgcnagaa	aataaaattt	tcttgtttta	gccacccana	gtgtantgtt	ttgttatggc	420
agccctaaca	aattaaaatt	atattttaac	agagaatata	aaattcta	ataacatttt	480
acagtaaagc	attcatggtc	ttttttttct	tattaataaa	tccatcaaaa	cagaaagt	540
tgcaaaattt	taacacattt	ctctaccact	actgtttcta	ctctcttaaa	actactccgc	600
aaatataaaa	atagaaggcc	aaaatgcac	attaaaacga	tgtttgggga	ctaattggcct	660
taaaattcta	ttacacttgg	aaatatacaa	atattcaaag	attatctatt	gatcacctca	720

<210> 210

<211> 277

<212> DNA

<213> Homo sapien

<400> 210

tccatgtatt	tttatacaga	atggaacaat	atgtatgtat	gcaatyktta	cattccacca	60
tgaaataaaa	cagtataatg	aaaataacaa	tagattcaaa	caatgatatg	ctattttttt	120
ttacctatga	cattggcaag	gtcttcttaa	aaaatctgct	aataaccgat	gttgagagaga	180
tcattgggga	atagccactc	aaatgttact	catgagagt	tacatatgtg	taacttcact	240
tggagggcaa	tttgggtgata	catttaaaaa	gttttgg			277

<210> 211

<211> 715

<212> DNA

<213> Homo sapien

<400> 211

gtggtagaaa	tactaatttt	gcaattacag	aaaaaaacaa	atgccattca	catggttyct	60
aacaaaaagt	gtctgaccac	ccccaccccc	caccctcaaa	aaagccctta	aataaagagg	120
aagatcaaaa	gaaaaacaaa	taattcccga	gtttcacctc	atacatataa	tatagcacag	180
gaagtggcaa	agttttaaata	aatgccttta	ctgttaggac	tagtatgctg	tcaaaagcca	240
caatcctttt	gttttagtga	gttgattttc	aatagaaaaa	tacaaatgaa	catgtgttta	300
agttccaaca	tggattgagc	acctctgaat	ttagtatcaa	atgattaatt	ttatttttca	360
gatgtcaaat	cttagtataa	aattttccat	tattttaaac	ttcacttgaa	tctttaaaaa	420
agctgtctaa	attgtactat	atgagttcag	tttaatcttc	tgtaaaatgc	taacaaattg	480
aactgtcagc	agtcttttaa	aaaaaaatgg	gggctgggtt	atttctagaa	gaactctcat	540
taagctttga	aaatcagaaa	tcagagacaa	ataacttcag	atatagacta	gctccacaag	600
caaattttata	caattatctg	taacagtcta	tacatatatg	tgtatatata	tataccgtaa	660
ccactttcat	aggtaaaaaa	tattaacttc	atgtcacact	atgatcagaa	gtata	715

<210> 212

<211> 717

<212> DNA

<213> Homo sapien

<400> 212

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gaaactcttc	ccacaaccca	gcagtagata	tattaaaacc	tacaattttc	agggatacaa	120
ccaatattta	attcttttga	gggttttgtg	tttaatacaa	ggacacaaac	acacgtataa	180
aatgacgatg	tcaatactga	ttaaacagaa	caacaaaata	agaagctcaa	attatcatca	240
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tacactgctt	gtgggaatat	aaatcagtat	aaccactttg	gaaaaccatt	taacattgtc	540
aactacagct	ctacacacaa	gtgctataac	caccctattc	actccagggt	atacacccca	600
aaaatatgaa	gtgcccattg	ctacccaaaa	ggccgcctaa	aaggaatgct	tttgagaagg	660
gttaaccttg	ttaattagtg	gcaaaaactgg	gaaaacaacc	cccaaattgg	cccatcc	717

<210> 213

<211> 599

<212> DNA

<213> Homo sapien

<400> 213

cctgttttgg	cgaggcagga	gggaagcggg	atgggagtgg	tggttaggcc	aagggtagtt	60
caaagcgatt	cagcaggatg	atgaccacag	gagtgtctga	gccgggcctt	tcagcccccg	120
tgtggatgat	gaccggccat	ccaggacatg	cgagggcttg	ggacagtgga	cagccagtgc	180
cacacaagga	aggaccgatt	aaatgacaca	gttaaaggaa	tttggcctag	ggagtgcagg	240
ccagaaagg	ttggtctttt	tatatatgta	acattggaaa	aaaggaacat	ctcctgttcc	300
ctgtattaag	ttttgacttt	agctcagcaa	atgcagtgtt	tgtggcagta	aatatactct	360
gataacaatg	ttctttccca	ggaatttaga	gttttatgat	ggttattgaa	aatgtttaca	420
tgacaggctg	tcaataatat	tttttgcttc	taaaaataaa	acatacataa	agtgtacgga	480
ttttaagtat	gcaactcact	gaacttttca	taccgtaata	caccacccta	gtaaccctcc	540
cccagttcaa	gatgtagact	gtttccaata	accctcatc	ctgttcctta	atagcccc	599

<210> 214

<211> 789

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<212> DNA

<213> Homo sapien

<400> 214

ccttatgaca	aaccttgcta	tgccaaggat	atgcttcact	atcttcatct	atcaaaacac	60
tatgcatcat	agatatctaa	ttttttcatc	tcttgcata	agtctttcct	gatttccctc	120
tgctgaaatt	tctctcttca	aatgatgtgt	ttccatagta	ctttgtccct	tttcaaagat	180
atatctcaca	tcgcatattt	taccacagtt	agtttcatct	cttaactctc	acactagatt	240
acaaagtcaa	tatagacaaa	gaaatgttca	accttatata	acctcctctg	cctatgctgg	300
taaattgcac	ctactatgtg	ttcaataaga	gcttgtcttt	ttcaatatac	aaaactttgt	360
aaagattaaa	gacctttag	aaagtcaaga	ggaagatagc	aatttcactt	ctaagaactt	420
accctaagga	aacattcatg	aagagatata	aggggttatg	tgcatggatg	ttcattatca	480
tattattctt	cattatgaag	attatgatgg	taataatgaa	aatgattatc	ttgtattggg	540
ccttatttga	agtcaagcat	tgagaatgta	ctttatctgc	attatctcac	tgagttctcg	600
tagcagccct	ataaggtaca	gactgttatc	taagcttaaa	aaaataaagt	taatgtccaa	660
ggtaaaacaa	ctagtaaaa	aagggggcta	ggaaatttgg	aaccccaaaa	ggggcaacct	720
ctcaagggct	atgaatcctt	accattatta	taaggaagct	tggcccatgg	tggcccaaaa	780
aaaaccggg						789

<210> 215

<211> 765

<212> DNA

<213> Homo sapien

<400> 215

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gagctctgag	atcaaagact	tgtattagag	aggggtgttg	tagtaatcta	gtcagggtat	120
gagaaatggt	ttgtattaga	gtgtcaggag	tagtcgtggc	aaaaatatat	agatcaggat	180
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aggagtctta	tgaacagtta	gtggtgtctg	ccatggttga	aacaatggag	aagggggaca	360
ccttttctgt	gcagatgttg	cttctggtag	atataatcca	caatgtaatg	ggagaagtac	420
taagaatcag	taaattatgg	aggggtgtaa	agactactga	tatttaagcc	tgcggaaccg	480
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tgattttact	cttgcaattt	ggattgaggg	gtgggggaaa	ccagaaaggg	gctggggggg	660
aaattagtag	aagggtcacct	tgaattcatt	gtggtccata	tcaatgctga	aactgattgg	720
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<210> 216

<211> 780

<212> DNA

<213> Homo sapien

<400> 216

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gttaaagctg	gaacatttga	tatttttcca	tttatttatg	aaaaaatatg	aacctatttt	180
catttgtata	aggtaattgt	tttttaaagc	aagtcacctt	aggggtggctt	taattgtata	240
agtcaagcac	atgtaataaa	ttcaaaaacct	gcagtttaaca	ggatattaga	catcaatcct	300
ggtaacccaa	tattaaagat	tctcttttaa	aaagactgaa	catgtttaca	ggtttgaatt	360
aggctaaaag	gtottgcagt	ggcttttcat	ggcccttcaa	attggaatgg	aactactgta	420
ctttgccatt	tttctataaa	tcagtacttt	ttttttaatt	ttgatataca	ttgtgtgaaa	480
aaagaaaatg	gctaataaac	tgtattaaat	cttaaacat	gtataaagat	tgacttagc	540

cagttcaaag	tgtatactta	ttcataatga	attataacag	ttatatttct	gtgttttctt	600
gtaaatgttt	cttttccctt	aaatacagat	aattcatttg	tattgcttat	tttattatga	660
gctacaacaa	aaggacttca	ggaacaagta	atgtattagt	atgggttcaag	attgttgata	720
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<210> 217

<211> 810

<212> DNA

<213> Homo sapien

<400> 217

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aagctcctga	gaaacttggt	gtaataggat	cttcttttgg	ggatgaaaat	ggggaaggcg	180
tgaggaccta	gactacttct	ccctaggtca	gaaaaagaga	attaccctt	gacaaatatg	240
atacctgcta	ggtatttccc	agggaaattt	agggattggc	gtctttccct	agcatgtgga	300
ggaattggca	gacagcttcc	taagggcggg	gagcgggggc	ccaaggctga	cactgcttgc	360
atccacgtga	ccttaagtta	tggcagatga	ctctgaaacg	gactgaggcc	aatgagaaca	420
gatggatgga	gcactcaggt	tagacttggt	ccttctccta	tgctggagga	gagggatggt	480
tctctagaat	gttgagggtg	agttgagagc	tgcctcttg	aatggtgaac	agtgtactct	540
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gaaagacact	tcattgagaa	attcttaagc	ttacagaaaa	cctatctctt	tgcacattcc	660
acataacccc	tagcaaaatg	caggttcttc	atacttctgt	cctttttcca	ttggaagaat	720
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<210> 218

<211> 817

<212> DNA

<213> Homo sapien

<400> 218

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attcagtaga	tctgccacac	ccaactggct	ccatctcctg	gaaaacagca	ctcactacaa	180
gcaactgtaa	tagcaccacg	caatgaccac	gctgctcctg	ctggctcttc	cgtacaccag	240
taaatgaact	caccaatgta	ttgcacacat	acatttcaca	gtagtacaat	aaagccctgt	300
atcaggagtg	gtaattcaat	gacttgactc	tatagtgcac	tgcagcttta	tgtcatacca	360
acattcaaat	attcaaatat	ccttccaatc	catttgagaca	aaaatacacc	atggctgcca	420
agacacatgt	atttttcttt	cttccatgga	ctcctaaact	gctcccacaa	tcagcagtg	480
tcttctctca	gaaattatct	taagcttctc	tactcaatgg	gaggtacaca	cagagacctg	540
agaatatgca	gaggccagaa	tctctgtctg	tgctagagat	caactgtact	ctgcccacct	600
ggggaacaca	tcctctgggt	aaagtactcg	gaagtaaatt	acattccctg	gagacagata	660
cgggctttca	ctgcagcctg	ttagaaaaca	caatgtctgt	aagttacctc	ataggtcaaa	720
gagttttgga	ttatattttt	cataatgggg	ctatggcctt	tttaccctgg	ttttaataca	780
gaaccacctg	cagaaaggac	attgaaatta	aaagcca			817

<210> 219

<211> 661

<212> DNA

<213> Homo sapien

<400> 219

ggatgctgag	gcaggaggat	tgagtcctgg	agtttcagga	tacagtgagc	tatgatcatg	60
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T05050-92964B50

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ccattgcact ccagcctggg caacagagca agattctgtc tctaagaaaa ggaaaaagaa 120
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cttagaaaca gattagtttt ctcgaattaa agaactacca tttttctttt ttctacaact 240
ttcaagagct ggtgaagaaa tgatgttttag atttaataga tatagtagca gtcatatatt 300
aatagaatag aaactgagac tctaggaaaa agatagacat gagataagga gtaggcatgg 360
tagacatttc tagattatct atgaaaatgt tgtagaattc attttttttt ttgggtctgac 420
ctttggcaat ggtgctgagg aagggaagc cagcccatca ggcaaggctc tgttttctgc 480
attttatccc gtttgattct tctcgttagg attggagcaa ataatttcaa tatgttcttc 540
gctgggttta tcatagtgac ccttcattta aagggacttt taacaattga cttaaagaac 600
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t 661

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<210> 220
<211> 792
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(792)
<223> n = A,T,C or G

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<400> 220
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ctgtgggtct tgcagacttc agatgttgga attattagtc gtggcaagng nncaaacat 180
tagctattac cattatgttt accaactagt gaagtgaact atgagaggat atattaacca 240
cagaagttaa tagaagaata gactcctgaa aatatctgga tgctacaaac taaaatatag 300
tatataatcc ttcatagagt gtcagtgact tcatatttat aattacattt ttgtatatta 360
gcagtgttct agttcttact gccttatctt taagctgann nnaaataaaa ttatatattg 420
ggattcaaaa acacatagct aatgattact atgtggcagt gttacattac tttatcacat 480
atcattaaca taatctgcat gtgttcaaag agatcttcat acttctttgt agctcccact 540
tctttgtcgt cttttagtct cccacaacat ctagaacagc acaaccgtat atggagaaaa 600
ctcagctctag tattcgttga atgactaatg gaaaatttag ttnataaaca gaactttctt 660
cattgnacaa attatcttgc agaagaataa tggccttagt ttaaaattat catatttacc 720
catntcncca ngttatttta tctcttttgg ctaanaattt tgaaaacggg accttttacc 780
ctttggcatt tt 792

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<210> 221
<211> 759
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

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<400> 221
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cactgataga tgcttagtgg aaaaacttcc aattcccatt tacagctctc agagctagga 180
ttaaaaaactc tgggtcataa actcatgtga tgagaagtta tagcacgccc tcattttcta 240
catanccact tgcatttatg gttggctttt gaacttgcta gaagggaag aagtgcaaat 300

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gtgtcctcct	tagagctact	ctcctccct	tggtgggttt	ccagtttggtg	cattgtccag	360
atggcccagg	agctgacgat	caaagggaag	aagtcagtgt	tgtcatgaga	atgctttgct	420
gcatcaggat	tcagtgaagc	tggtcaccgc	ctggagccca	tgacgcctca	agaggcagga	480
tgagagctcag	aaaccatcac	tgaggttaga	aagtgagcac	caaagttgag	ggaagcccac	540
aggagtgagc	cgaagtgtc	cctttggatt	tccaaagtgg	gtgctgctgc	ttcttccatc	600
agccttgctt	ctgaccccaa	tgcgctcctg	gtgccttctt	cttggcattt	tgctgtcggg	660
ggcccaagga	aaaaaattcc	tgcatggcag	tggtgaaaaa	agatggctgc	ctgctgaaac	720
ctgatttggc	ctgggtaagc	cttttgagc	cccggttaa			759

<210> 222
 <211> 699
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

<400> 222						
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ccacactgac	ctctggnctt	nttnncgccc	gatgattttt	aattagttga	atccctttac	120
ttgttatata	tgtattcata	tattctgttc	cttcttggtt	ttacttttat	gattgggtgcc	180
tattgaggtg	tttatttcta	gtttgtggta	cttcatgtgt	ttaggttttc	tagacagtgg	240
acatagaaga	ttcaagaagc	taaatgtagg	agaatgtnta	atgtaggana	ntgaggcnac	300
natacatca	atgaatgact	tgaagtttcc	tctgttgtaa	agaatgatat	taccataact	360
gccatagnta	atattgatgg	tgtaagtcaa	ataanaaggc	aggaggaaag	ggacatccat	420
cactgaacca	canatcagag	nctcattgaa	gcctttgaga	agaatccaca	aaatttttaca	480
ggataattca	tttcctgcga	tcaccacnag	aagagaaaact	ggttaaacag	acagggtattc	540
cagagtccaa	aaatttacat	ttggtttcng	aaccaaagac	ctcagctccc	aggccacagc	600
aaaagggggc	ttatgaattc	cctggcaccc	agncccaaga	cccaanaacc	tcattcttgat	660
tggtttnggg	cttgggaaac	caaaaaacca	atgggtggc			699

<210> 223
 <211> 598
 <212> DNA
 <213> Homo sapien

<400> 223						
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tttctaaggg	agggaccgcg	caggctcctt	tgttctgtat	tctggcggag	atgggtcctg	180
gccttggtgc	actggcttat	ccttaaagat	catctcccat	cctccccagc	gccatctgtg	240
tgcagcaacc	agaaagggat	gaacttggcc	ctcttgccgg	cctggacaag	gtctcttcc	300
taccctttct	gttgccagtc	agcaacctgt	aactcacatt	ctcttcccag	tgaatccctg	360
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gatttatctt	taggccaggc	ttgcctcctg	acttatccct	gctctcccat	ttctctcttg	480
tttgagagag	aatgaggaag	caaagagtga	gaaagaatag	gggctgaaga	cgccactccc	540
agatggctct	ttctatcctg	ctcttctgtt	gaaacacacg	tgctgtgggc	ctcaggcg	598

<210> 224
 <211> 501
 <212> DNA
 <213> Homo sapien

050301 050301 050301

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 224
 aaacctttat gatgacttcc ttatgaatta ctgaacgaac actggaatgg gactcaggta 60
 tcctgaggac atctctcaac tctggcctta gttccccctc tgtaaaatta gggtgccaac 120
 taaatgatct acaaggtccc ttccagcgcc gccattctgt aattacatca tgtgtaactg 180
 tattaaacat acacaagtga ctgccaggca tgggaatgta acttccgagt aaatgctttg 240
 gtttgttcag aatacactat gaacttcttt ccaaagacgg gttgtggtaa atagtggata 300
 ttttgattat aagaaataga gtttccttga agcttttagct ggagatacag caatagtgtg 360
 gtgttcctac aaatatcaca gtgtattcaa acatattttt ctatcaaaaa tcatttttgt 420
 aaaagctgtg tgtttttatc caacttgtga taataaatgt tctttatttt agaacaaana 480
 aaaaaaaaaa aaaaaaaaaa a 501

<210> 225
 <211> 295
 <212> DNA
 <213> Homo sapien

<400> 225
 cctgtatagg gctcgtttcc ccacacatgc ctatttctga agaggcttct gtcttatttg 60
 aaggccagcc cacaccagc tactttaaca ccaggtttat ggaaaatgtc agggaaaaaa 120
 aaaaaaaaaa cacatgcact cacacaatac ccaaacatca raattagaag ggcataaaac 180
 aggggggcttt ataggctgaa aaatatctta ratttcaraa cagaatacca atcaaatatt 240
 gaaaattcct ttgttcaaaa cacaagatg ttttggtttt aatggggagtt ttttt 295

<210> 226
 <211> 372
 <212> DNA
 <213> Homo sapien

<400> 226
 agattcctgg cttagagcat gcgagcattg aaggaccaat agcaaactta tcagtacttg 60
 gaacagaaga acttcggcaa cgagaacact atctcaagca gaagagagat aagttgatgt 120
 ccatgagaaa ggatatgagg actaaacaga taaaaatat ggagcagaaa ggaaaaccca 180
 ctggggaggt agaggaaatg acagagaaac cagaaatgac agcagaggag aagcaaacat 240
 tactaaagag gagattgctt gcagagaaac tcaaagaaga agttattaat aagtaataat 300
 taagaacaat ttaacaaaat ggaagttcaa attgtcttaa aaataaatta tttagtcctg 360
 atgaaatgaa at 372

<210> 227
 <211> 599
 <212> DNA
 <213> Homo sapien

<400> 227
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 ttgtttttct ccccggaact ctgacgggga gggctcccgg catctcctgg catccgggta 120
 gaggacgcgg aggatgctga gctgctggcg cactgcagca caactagaga tgtacggatg 180
 cccccatctt gatcttacag aatcagaggt acagccgcga gaaagagtca agaacagaca 240
 gagtcgcttg aggactcagg aggggtgtttg ctgcgttgac aacagactac accctcacag 300

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agggatgtga	ctgtgggctt	cactcaagag	gagtggcagc	atctggaccc	tgctcagagg	420
accctgtaca	gggatgtgat	gctggagaac	tacagccacc	ttgtctcagt	agggtattgc	480
attcctaacc	cagaagtgat	tctcaagttg	gagaaaggcg	aggagccatg	gatattagag	540
gaaaaatttc	caagccagag	tcctctggaa	ttaattaata	ccagtagaaa	ctattcaat	599

<210> 228

<211> 343

<212> DNA

<213> Homo sapien

<400> 228

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ttctgttgga	cagcactgca	ttagaatatt	ttcatactgc	tcttcctcaa	ttaatttttg	180
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acaattgtat	gttctttgta	tcccttacca	caaatatctc	gctctgctca	tttcttttgc	300
agcttcctat	aaagtttgtc	ttcctcaaaa	aaaaaaaaaa	aaa		343

<210> 229

<211> 417

<212> DNA

<213> Homo sapien

<400> 229

ctcaagctgc	agtccaccgg	gtatggttct	ggatggttcc	cccaagggag	caggtatgta	60
ggaggtgaag	aaaactgaga	tttcaagtat	gggagagttt	ttactatctc	cattcctgga	120
ttaaaaagtgc	tgaaaaagtc	cacagttaaa	cattccttta	ttcacccctat	ggctcccaag	180
aaaagcattc	ttcctctgga	gtactgggtg	actaagggga	caatacacca	aatttggtga	240
gtttacaatc	aagtctacta	aggttggact	tccttatcag	tttggcagag	tcccagggca	300
gaataatcat	ccatctacag	gtctctgttt	cctctccctc	cgcagcagtg	gagagcatcc	360
cagtgtttgg	ggcactgtgt	tcctcttcgt	ccctgcacca	gacctgggaa	gccttgg	417

<210> 230

<211> 462

<212> DNA

<213> Homo sapien

<400> 230

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cgaaaatcta	aaagatgatt	ctcttccttc	aaatccaata	gatttttctt	acagagtagc	180
tgcttgtctt	cctattgatg	atgtattgag	aattcagctc	cttaaaattg	gcagtgctat	240
ccagcgactt	cgctgtgaat	tagacattat	gaataaatgt	acttcccttt	gctgtaaaca	300
atgtcaagaa	acagaaataa	caaccaaaaa	tgaaatatc	agttttatcct	tatgtgggcc	360
gatggcagct	tatgtgaatc	ctcatggata	tgtgcatgag	acacttactg	tgtataaggc	420
ttgcaacttg	aatctgatag	gccggccttc	tacagaacac	ag		462

<210> 231

<211> 328

<212> DNA

<213> Homo sapien

<400> 231

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agaggcaaat	gcattggggt	gggtctggtt	tggacaataa	atttcctctg	gtttggacca	120
agaaaaacag	agttctttga	ccgctaacat	atatgtaaaa	agaaagtgtg	taaaaacaag	180
agttaaaatg	cttctaacag	tgtgggtcatc	actgcacagg	acactggaat	tggcattcgg	240
ggttgtgtct	gtccatgtgg	tttcgtttga	tgtcatgtgc	tctcagctca	gacagagaca	300
tccaattgac	ttctgacttg	gggcattt				328

<210> 232

<211> 595

<212> DNA

<213> Homo sapien

<400> 232

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gtgcagatag	gtgatgttgg	gatggaaaaat	gctaatacaac	taccctttct	tttatcaagt	120
aattaaaaata	aatctacata	aagaaccaa	aaggctgttt	tataaaagtg	aaatatccag	180
tatttcagag	ggccaggcaa	gagcacttca	gatgaggcag	tcaaaatcat	ttttttccag	240
tgaggataga	ccacaagtgg	gtgggtgagac	cattgaaagc	ctttatcaac	tgaagagtcc	300
atttaacagc	ataattttgtg	ggaagactgg	aatagggtctg	aataaatgtg	tttgaatctc	360
taattttata	ctttcttttc	ctgagggaact	tgatttttct	gtccctggat	cgcttgtca	420
taattgggtc	tgttcctttt	actaccactc	ttgagtccat	atatgaaatc	attaaagtgtg	480
gatgatcagt	tttttataaa	aatatatatt	tttgtccaag	aaaaaaaaaa	gcatacatat	540
gtgattatgg	ctaaatcaaa	ggtaactgga	atgtatatac	ttttgcta	gttcc	595

<210> 233

<211> 600

<212> DNA

<213> Homo sapien

<400> 233

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ataactgtag	agtttcaaaa	aggatcccta	gggctacttc	tacgttctcc	ttaccagttg	180
agcactctcc	ataatttcca	gacgggtcat	gggggagaat	gatagaaatg	agcgtgggaa	240
gaaagacaat	gaaattagaa	atgggtgaga	cacatgttgg	tagaatgcta	agagcagggg	300
tcaggacaat	caaccaggtg	tctaggaagg	gtcaagtcac	cagtgtcatc	tgctgaccaa	360
tgtaggaag	aaataaactc	aaaggaaaca	ccacattttt	ccaattaaac	tcaaatctat	420
tgacttgtgg	tggttctttg	atgttgtggg	gactgctata	acagaaacca	attggatttt	480
caagggcaag	aaactttgcc	actgaataag	atgatgtcat	ccttcctgat	aacaaatagg	540
aatgggtggt	cagctctaaa	cagcgtggac	tgagggtggt	gcttttctac	aatattactt	600

<210> 234

<211> 500

<212> DNA

<213> Homo sapien

<400> 234

aaattcctaa	ttcttttact	atctttctcaa	cttttcccaa	agataaaata	aatttcacat	60
aatttcattg	aggggaaatg	gtagttgtaa	aaaactacct	caagtagcaa	tcaccgtg	120
cagtgttttc	tcactttctg	ttctgcaatt	gcaatcacac	ttccaaaaag	aaaagcaaat	180
gtttgtctaaa	ccatagacag	acaacctctt	tgtgactggt	attataaggt	ttataatgaa	240
aacttatcaa	atataaaaag	tgctccctct	tgaaaatgtg	tattttattt	gaagttttga	300
gtaagaggtg	agtgtttggc	aattttcaac	actcccctca	aaaatctccc	aaagttgcaa	360
aaaagtcagt	ttagtaaaat	tccaagcact	taaatgcttc	attgagggcc	agttgatata	420

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cgcaatgcac taatgtgtaa aaattaaccg aatgcaacta ttttataatg gagagctctt 480
accttttcct tccagttttt 500

<210> 235
<211> 159
<212> DNA
<213> Homo sapien

<400> 235
aaaattttaca gataaaggca gttcaatact gccactgaga agtacatctc ttaacatata 60
caacttttcag gccacagttt tgaaggctctg aagtatttaag ttgggttgat gaattagtcg 120
gttggcactt acgaacacat ttattgcctt gccatcttt 159

<210> 236
<211> 254
<212> DNA
<213> Homo sapien

<400> 236
aaataagtga ataagcgata tttattatct gcaaggtttt tttgtgtgtg tttttgtttt 60
tattttcaat atgcaagtta ggcttaattt ttttatctaa tgatcatcat gaaatgaata 120
agagggctta agaatttgkc catttgcatt cggaaaagaa tgaccagcaa aaggtttact 180
aatacctctc cctttgggga tttaatgtct ggtgctgccg cctgagtytc aagaattaaa 240
gctgcaagag gact 254

<210> 237
<211> 591
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 237
tttttttttt tttttttttt tttttttcta atttttactt tttctcaagt ttaatgtara 60
catacaaraa aacatcaagc aatgtttatt gkgcaattcc aatcattatt tgcaraatct 120
tggtttaaag tcagtyttta tagccatttc aactgcttgg tttaaacaaa aagcaacaat 180
ctggttatyt acctataaat ttcatgggat ttytttaaac actgaagtac taaaagcact 240
gatgatttgt attataattt ttaaaatatt taaaacctac acagatttca taratcattc 300
cttttataaa ataatcaaaa taatttgatt atytggaaaa aaaaattctt gaaacaragc 360
cctttccagg tatyttcaat ctctgtaaaa ccccaaacc caaacagagt aratgatgaa 420
ataaggattt ctgagttgcc caagactgtc tgaaatttaa ggttgaaaaa tggactggcg 480
tttttcatgt ttctgtngaa ttcanagctt acaggtggca tcaaaactca aatctctggg 540
atggctttac atggctttca ctttgatttg tttcattttc atttgcttct t 591

<210> 238
<211> 252
<212> DNA
<213> Homo sapien

<400> 238
aaatggcttt tgccacatac atagatcttc atgatgtgtg agtgtaattc catgtggata 60

09049626.050301

tcagttacca	aacattacaa	aaaatTTTTat	ggcccaaaat	gaccaacgaa	attgttacia	120
tagaatttat	ccaattttga	tctttttata	ttcttctacc	acacctggaa	acagaccaat	180
agacattttg	gggttttata	ataggaattt	gtataaagca	ttactctttt	tcaataaatt	240
gttttttaat	tt					252

<210> 239

<211> 153

<212> DNA

<213> Homo sapien

<400> 239

ccacaataaa	gtttacttgt	aaaatTTTTag	aggccattac	tccaattatg	ttgcacgtac	60
actcattgta	caggcgtgga	gactcattgt	atgtataaga	atattctgac	agtgagtgc	120
ccggagtctc	tggtgtaccc	tcttaccagt	cag			153

<210> 240

<211> 382

<212> DNA

<213> Homo sapien

<400> 240

aaaaaaacca	tctaaaagt	gttttttaat	atatatattt	tttccaaagg	aagaaatttc	60
ttgcttttac	tcagggaaaa	aaaaaaatta	aggtacattt	gagtagaatg	atttcatcta	120
aaagagttct	ttcaggagac	atctgtgatt	cactgcattg	tttttatttt	cttctttttc	180
ctcttctttt	ccaacatttc	taccattttc	ctcttcttgg	ttgatatcag	gccactttct	240
tttggtgctt	tcttactgtc	acctgttaaa	ccgcgtttct	ttgtgttagg	ttttgaccgc	300
ttttcttctt	tgtgcactgt	gtcaccaggc	tccttttttg	caattttgga	ctgttcttta	360
cttacaggag	aaggctctgc	ag				382

<210> 241

<211> 400

<212> DNA

<213> Homo sapien

<400> 241

ggcatgagcc	accgcgccc	gccctatctt	ttacttttat	aaatagagat	gaagtttcac	60
catgttgccc	aggttggtat	cgagctcctg	ggctcaagcg	atcccccaac	cttggccttc	120
caaagtgtcg	ggattacaag	cgcgagccac	cgaaattatt	cttaactagc	aagactaggc	180
tctgacatca	catccttata	gttacatccc	tttaagcagg	gttcagccac	tactctgca	240
cctggagaac	ttgatggtta	tcctctgaag	tgacagtcct	gcaaatgaca	aaaacactcc	300
aaatctatta	ggttgggtga	aaagtaatta	cgctttttgc	cactgaaagt	aagtcccaca	360
ggaccctgag	ggaaatggga	gggtggggta	tacatagcag			400

<210> 242

<211> 75

<212> DNA

<213> Homo sapien

<400> 242

actcacatat	gcagacctga	cactcaagag	tggttagcta	cacagagtcc	atctaatttt	60
tgcaacttcc	tgtgg					75

<210> 243

<211> 192

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<212> DNA

<213> Homo sapien

<400> 243

gctccacatt	tgtagcgaac	actttgactc	caaagagaag	gaggaagaca	aagacaagaa	60
ggaaaagaaa	gacaaggaca	agaaggaagc	ccctgctgac	atgggagcac	atcagggagt	120
ggctgttctg	gggattgccc	ttattgctat	gggggaggag	attggtgcag	agatggcatt	180
acgaaccttt	gg					192

<210> 244

<211> 616

<212> DNA

<213> Homo sapien

<400> 244

aattttatag	caatatactg	accattctaa	aaataacaaa	atacatgttg	ctctcaacta	60
catagttaaa	aaaggtagta	aattctctta	cccaaaatag	aggaggggtg	ggctagttag	120
ctgctcaaac	atttgtaaca	aataaaaaatg	tatctatata	catataatga	tcatgttttc	180
atagcctaaa	atcaccatac	aaaatctaata	aataaaaattg	tgctgtgttc	aggagttggg	240
aagccaacac	attaaattaa	caaagtattt	ttggtatatg	taaataatgg	gatagaatct	300
ctcgaatcag	gattgtccca	gaagttctaa	ggcagatgtc	aatgacatgc	acattgtcca	360
tgttcagtaa	ttttcaaaga	ctagaataaa	ctatgtaaac	tattcaatac	aattcaatat	420
tacttaactg	ctaaaaagta	cttcaagatc	ttgcaactgc	ttgagttagt	ataatcaaat	480
tagtaattgg	aaaatagctg	taatagcagg	cactgaagaa	ttctgacaaa	taccaaataa	540
ctgtttgttt	ttaccaataa	aactggtaag	atgatatcac	aaagggtttt	aagttatttt	600
gctatacaag	gttttt					616

<210> 245

<211> 165

<212> DNA

<213> Homo sapien

<400> 245

ttggaacagt	ggattaaaat	ccagaagggg	aggggtcatg	aagaagaaac	caggggagta	60
atttcttacc	aaacattacc	aagaaatatg	ccaagtcaca	gagcccagat	tatggcccgc	120
taccctgaag	gttatagaac	actcccaaga	aacagcaaga	caagg		165

<210> 246

<211> 229

<212> DNA

<213> Homo sapien

<400> 246

tgtactggat	ccctccaggt	ggggggcgact	ctcacctgac	tattacaata	gcctcctaag	60
tggtttccct	acttgcaacc	ttgccogtat	aatatctatc	ctccacacag	caggcagggc	120
gatcctttta	gaatagaagt	tagatcatga	aaatgctctg	ctctgatccc	tgcaaaagct	180
cgccacctcc	ttacagtcac	cgctgaactc	gtagcagagg	ttcaggagg		229

<210> 247

<211> 338

<212> DNA

<213> Homo sapien

<220>

T0E050"92964860

<221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 247
 ggaaaccgtg tgtacttata ctggatgatg ccaccagtgc cctggatgca aacagccagt 60
 tacaggngga gcagctcctg tacgaaagcc ctgagcggta ctcccgtca gtgcttctca 120
 tcaccagca cctcagcctg gtggagcagg ctgaccacat cctctttctg gaaggaggcg 180
 ctatccggga ggggggaacc caccancagc tcatggagaa aaaggggtgc tactgggcca 240
 tggngcaggc tcctgcagat gctccagaat gaaagccttc tcagacctgc gcactccatc 300
 tccctccctt ttcttctctc tgtggtggag aaccacag 338

<210> 248
 <211> 177
 <212> DNA
 <213> Homo sapien

<400> 248
 tgaaaacaaa tgaattctca actcctacgg ttcatttaga gtttagagaa aatttccatc 60
 attgtcatca ttgaactgtg aacctgggaa gccagatcat gattaacact gacatcaagt 120
 ttcaagttgc agatcaatgc acccagtgtt cagatgaggc aaacttctcc gtgacaa 177

<210> 249
 <211> 263
 <212> DNA
 <213> Homo sapien

<400> 249
 aaagtaatga ctttattaat aaatatacat ccatatgatg atgtagatac aaatcatgaa 60
 cactactcca ttcccatata cataattgca caccagtagc tcaagttcat ggacataaaa 120
 acatacacag tatctattca gactttttac agcagaggac agcgtgctta ttatcagtta 180
 attggttaatt attttctcca aaattacctg tggaaaaaag aaattctgaa aacttaaaag 240
 aatcaaagtg atctgattac ttt 263

<210> 250
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 250
 aaaaaaaaca acagcgtaaa tattagccca caagagcagt cctaaacaat cacaattaca 60
 ctgtactacc caagaagact gtttattgtg aagcatttac ctttcaaaaa atcattacat 120
 ttctatttct tgggtggagca gcacattgtg gagtgtgatt ctttaattctt cattgagttt 180
 gtcaatagga cattgatgct ggatagggtg tcttttgttt ttatgcctca gaccatcttg 240
 tgagattgtt tgcctatctc ataatacagt tttatgcaga aagggttgaat ctatgtaaat 300
 ggtttttatg gaaattatca gttacaatat ttt 333

<210> 251
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 251
 aaaccatttg tacaaaactt ctataaattt ttctctctct ttctctctta tgtacaaaaa 60

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tatcttaata	tatccccgaa	ctggtttagga	tagatacaaa	tagatttttt	ataataaaaa	120
attcacaaaa	gattggaagc	attctataat	gaaaatggta	gaaaagacag	tgtgaggga	180
gccatggggt	ttgggaatcg	ggccctggag	gagaagcaga	gtttcaaagg	gctgagaata	240
gcatagtttc	actgtaaacc	aatgtctaca	gcttattggg	gtgggggcta	ctgagacgaa	300
agacaccaac	tcgtttctag	agggctaaga	actgcacttt	aagaaagggc	ggggaggtga	360
agggacccga	gcaagaactt	tcag				384

<210> 252

<211> 211

<212> DNA

<213> Homo sapien

<400> 252

aaagcagtct	gaaaatggga	catctgtaga	gaaattcatt	tccttcttct	cctccggatg	60
tggaatggaa	gctttgaggg	aaggaaaagt	aggaaaagag	cgggatggga	tgggatggga	120
tgggatggga	tgggatagga	agagaggctg	gggaatgggc	agagaagggg	gtgctgagtg	180
tgctgtgaga	tagagcaaga	tcacaagaag	g			211

<210> 253

<211> 135

<212> DNA

<213> Homo sapien

<400> 253

aaaaattgtt	tcttgacaag	ctgacttggc	acttaagtgc	acttttttat	gaagaaaaag	60
tacaatgaac	tgcttttctt	caagcaataa	ttgtttccaa	cttgtctggg	aattgtgtgt	120
ctggtaactg	gaagg					135

<210> 254

<211> 361

<212> DNA

<213> Homo sapien

<400> 254

cctgtagccc	ctgctacacg	ggaggctgaa	gtgggaggat	cacttgaacc	aatgaggggtg	60
aggttacagt	gagcccagat	catgccacta	ctctacaggc	tgggtgataa	gagtgagacc	120
ctgtatcaaa	aaaaagacaa	ggaaaaaaaa	aactgggccg	tttgtttttg	cagaatgtct	180
ctcaatttgg	actttttggg	caggaataca	atacaagtga	tacaaatgct	tctttaacat	240
tagaacctgt	ataaaattac	cattacagac	cttgctattt	tacttatagg	taaatcaactg	300
tttaccaagg	taagtctttt	gggaatttcc	aaaaatgaag	tccatggaca	gttaaaaaact	360
g						361

<210> 255

<211> 331

<212> DNA

<213> Homo sapien

<400> 255

aaaaaaataa	ataatccacc	aacgtgattg	accttggcga	gatcatgttt	ctagtctata	60
cctcagtttc	cccatctgta	aagtgaggat	aatgtcccac	cccatgtaac	tgtggtgagg	120
accaactgca	acactgtgcc	tgcgagtctc	cttgaaaaag	tgtaaggttc	tacacaaatg	180
gaaagtgatc	tgatcacact	cagtgtcccc	agcccagcct	ttcagtgcc	tggccctggg	240
gtgggggaca	atactctcct	cacccccctt	actagtcttc	atgaatagca	aggaggccat	300
aacataatth	ggtctaaacc	ccttcctttt	t			331

T0E050"92954950

<210> 256
 <211> 186
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(186)
 <223> n = A,T,C or G

<400> 256
 cctttgggcc cttgcacttt gacctgcaat ggggccacac cagccttgct tgtgtccacc 60
 tggaaggact gagggagggt ggcacgaacc atgcctgggc tcaggccggg cccanagcac 120
 ttgaccttgg acgcatctgt cacatcatgc acagggaacct tgaaaggact gcctggcact 180
 tgatgg 186

<210> 257
 <211> 255
 <212> DNA
 <213> Homo sapien

<400> 257
 ctggggtcgc tcaccgacct ttggggaact gggctacggg gaccacaagc ccaagtcttc 60
 cactgcagcc caggaggtaa agactctgga tggcattttc tcagagcagg tcgccatggg 120
 ctactcacac tccttgggtga tagcaagaga tgaaagttag actgagaaaag agaagatcaa 180
 gaaactgcc aataacaacc cccgaaccct ctgatgctcc cagagactcc tccgactcca 240
 cacctctcgc ggcag 255

<210> 258
 <211> 604
 <212> DNA
 <213> Homo sapien

<400> 258
 ctgaatttgc aatggagtgt ggtggtgcaa tcggtattga ttagtttggc atagacagat 60
 gcagcagttt agagcaaaat cgagaaaatg attttttttt tcctccttga tttcctggca 120
 gaagatatct tactttttca gcaaactttt cttttaacac taaagcagcc tagggcaatg 180
 ccagatactt agagcttttc tcttgattat aagtagaaat gggggtgtct gggctagagg 240
 tggagggtgg atgtgctgtc gtcacagtct agctggcagc aagcaaggca aaagcagaga 300
 ctgctctaga agcggttcca agcagcagag acgtcaggaa aggcacttct tagtaccac 360
 ctctatgctt taatagttgc ttgttaagct gcttcattgg ttgagacaaa ctaccagcac 420
 ttcaaagagc tcagttctct gctcaactct cttctctagt tacattattt tttttccttc 480
 aggagactga ggcaggaaaa tcgcttgaac tcaggaggtc gaggccgcag tgagccaaga 540
 tcacaccacc gcactccagc ctgggccttg caaagtgcta ggattacagg aatgagccac 600
 cagg 604

<210> 259
 <211> 429
 <212> DNA
 <213> Homo sapien

<400> 259
 aaaaatgtct gtatcgagat cttccagttt gaagtcttcc tcctctgtgt cttcccaagg 60

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ctctgtggca	agctccactg	gttctcccgc	ttccatcaga	accactgact	tccacaatcc	120
tggttatccc	aagtacctgg	gcacccccca	cctggaactg	tacttgagtg	actcacttag	180
aaacttgaac	aaagagcggc	aattccactt	cgctgggtatc	aggtcccggc	tcaaccacat	240
gctggctatg	ctgtcaagga	gaacactctt	tactgaaaac	caccttggcc	ttcattctgg	300
caatttcagc	agagttaatt	tgcttgctgt	tagagatgta	gcactttatc	cttcctatca	360
gtaactgctc	cgtgttcaga	ctcttggttt	cttcagggt	tacagtggac	atcatcagct	420
tctgtcttt						429

<210> 260
 <211> 385
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

ctgcaacaca	tgcagcacca	gtctcagcct	tctcctcggc	agcactcccc	tgctgcctct	60
cagataacat	cccccatccc	tgccatcggg	agcccccagc	cagcctctca	gcagcaccag	120
tcgcaaatac	agtctcagac	acagactcaa	gtattatcgc	aggtcagtat	tttctgaana	180
cgcatatggc	agacggattt	gcgtatacca	aggagagtgg	cataggaggg	aaaagcatat	240
gtggctgaaa	cctgtaagtt	gggtgttggt	atgcagaaat	gtgtaacaga	tcaaacggtc	300
ctctcaagtg	tctattanat	aggcaataag	aactgcagtg	tagctgagta	acatctttta	360
gctgactata	aatcactttg	ttttt				385

<210> 261
 <211> 230
 <212> DNA
 <213> Homo sapien

ctgtactgga	tccctccagg	tgggggcgac	tctcacctga	ctattacaat	agcctcctaa	60
gtggtttccc	tacttgcaac	cttgcccgta	taatatctat	cctccacaca	gcaggcaggg	120
cgatccttta	agaatagaag	ttagatcatg	aaaatgctct	gctctgatcc	ctgcaaaagc	180
tcgccacctc	cttacagtca	ccgctgaact	cgtagcagag	gttcaggagg		230

<210> 262
 <211> 198
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

atgttaagta	aacatgaaat	ctatataaca	gaacaaaaat	tcactcttat	gtcaatgtca	60
gcgtgttaat	gtagatctat	ttactganac	agactctgta	gtggcagaga	gtggccttgt	120
taagccagga	ccctgttctg	caggctgtgg	gtagaagcta	ggaagtcctt	ggagtttcac	180
ccagcttttc	catgaatg					198

<210> 263
 <211> 157
 <212> DNA
 <213> Homo sapien

<400> 263
 aaaatatatt tctaaacaga atgggccgac tcagtcacag taactgttga tctccatagt 60
 agagcaaccc acaaagacag aactgatttt tttcccataa tcaggggtga aaaatataca 120
 acttgtttct gaacccaaaac cacaatttct gcagttt 157

<210> 264
 <211> 290
 <212> DNA
 <213> Homo sapien

<400> 264
 ctggctactc caagaccctg gcatgaggct gaggacaact tacaagggct tcaccgaagc 60
 agtggacctt tattttgacc acctgatgtc caggggtggtg ccactccagt acaagcgtgg 120
 gggacctatc attgccgtgc aggtggagaa tgaatatggt tcctataata aagaccccg 180
 atacatgccc tacgtcaaga aggcactgga ggaccgtggc attgtggaac tgctcctgac 240
 ttcagacaac aaggatgggc tgagcaaggg gattgtccag ggagtcttgg 290

<210> 265
 <211> 234
 <212> DNA
 <213> Homo sapien

<400> 265
 aaaaaaagga aaggaaagag aggaaaagaa aataaaataa gacgatttat tgcttctcct 60
 cagcatcctc cttgggtctcc tccttcaccg agagagcttc tagcttttcc gccacttttt 120
 cggcatgac atttttgcct gatcctttct tttctctctc ttogatctct ttcttgcat 180
 cttcaaactt tgttttgaat ttctgtgcat tctcagcatt caggaagcgg atgg 234

<210> 266
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 266
 gtcctcatca tccagtttg aggcagtgtc ggagtgggga aggcgtctt agaccataga 60
 gggttgaaga cgctgagaga tcatccagcc cagccccttg atgttacaga gcagaagaca 120
 gatgcccata caggagaagg cacttgccca cggtcatacg gcaggttgcc acaaaaccaa 180
 gatggcagcc cttcctcagc gtgcctcact gccactccca gagccaggga gcccataaa 240
 acccacatca tgtcttaaga gtatatctgg ctcccttgacc agcaatcggc cctgggagcc 300
 accaggtggg aaaagcgcct ctgccagagt ccagg 335

<210> 267
 <211> 619
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(619)

0984926.050304

<223> n = A,T,C or G

<400> 267

tggagctctg	acgaagggat	cggggaggtg	ctggagaagg	aagactgcat	gcaggccctg	60
agcggccana	tcttcatggg	catgngtcc	tcccagtagc	agggccgggt	ggacatcgng	120
cgctcattg	atgggcttgt	caacgcctgc	atccgctttg	tctacttctc	tttggaggat	180
gagctcaaaa	gcaagggtgt	tgcanaaaaa	atgggcctgg	agacaggctg	gaactgccac	240
atctccctca	cacccaatgg	tgacatgcct	ggctccgaga	tccccccctc	cagccccagc	300
cacgcaggct	ccctgcatga	tgacctgaat	cagggtgtcc	gagatgatgc	anaagggctc	360
ctcctcatgg	aggaggaggg	ccactcggac	ctcatcagct	tccagcctac	ggacagcgac	420
atccccagct	tcttgaggga	ctccaaccgg	gccaaagctg	cccgggggtat	ccaccaagtg	480
cggccccacc	tgcagaacat	tgacaacgtg	cccctgctag	tgcccccttt	caccgactgc	540
acccanaga	ccatgtgtga	gatgataaag	atcatgcaan	agtacgggga	ggtgacctgc	600
tgctgggca	nctctgcca					619

<210> 268

<211> 147

<212> DNA

<213> Homo sapien

<400> 268

cctataaccc	agacaccagc	atggacaaaa	ctcagttata	ctgaattcag	agacaaaatt	60
cagtgacact	cttctaccac	ttatttaggg	ttctacagca	tttactgag	cagacttagt	120
tttttgtttt	tgttttacaa	acctttt				147

<210> 269

<211> 325

<212> DNA

<213> Homo sapien

<400> 269

ctgagctgta	ggaatgggtt	cttggtacac	aagatagtat	tgttgagcta	gttttcgagc	60
tctgtgcaca	agcactctgt	aatcgggggc	catgccactg	tacaccaaac	ctatatgctt	120
ggtaattggg	tctactttgt	gtacacttcg	ctcatcatac	agaatggatt	tctgtttttt	180
ctcagttgct	aataccacac	catttgcagc	tttaattccc	acggacgggg	ctcctccagc	240
tacagtagcc	aaagcatatt	caatctggac	aagtttacca	gacgggctga	atgtagttag	300
cgaaaagctg	tacccgcgct	ccgcc				325

<210> 270

<211> 428

<212> DNA

<213> Homo sapien

<400> 270

aaacatatgg	taaattaccg	agtgacacct	ctgggctaga	gacctctttt	gaggggagtt	60
tgcaaaactac	ggattcaatt	tctttaacag	ttatgaagtt	ctttaaagaa	cctgttttgt	120
attggggggg	tgtggtcacc	tgtgcttttc	tgagattttg	cccctacatc	taagttgttg	180
aatgcatgtg	tgtagagttg	tttatggtgc	ttccctttct	tcttagaagg	gtctatagta	240
atatccccctg	ccttatccct	agtagtacta	atttgtgttt	tcttacttct	tgacaggcaa	300
acacatcaga	gcataagtgg	ttcctaattg	caagctgacc	tcccttgatc	tctgtcttct	360
acaggatatt	gacatgggac	ttctttatta	ccttttcagt	tacttgatac	cttcaaatag	420
ctttatttt						428

<210> 271

0984926-050391

<211> 206
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(206)
 <223> n = A,T,C or G

<400> 271
 cgtcccggag cccacgngg ncatggctgg canagcgctc tgcattgctgg ggctggctct 60
 ggccttgctg tcctccagct ctgctgagga gtacgtgggc ctgtctgcaa accagtnggc 120
 cgtgccagcc aaggacaggg tggactgcgg ctacccccat gtcacccccca aggagtgcac 180
 caaccggggc tgetgctttg actcca 206

<210> 272
 <211> 83
 <212> DNA
 <213> Homo sapien

<400> 272
 ctggcttccc tgagaaactca acaatgcctt ttcttgaggg ccttcctcga tcatccacaa 60
 tgactacagc cctctctacc tgg 83

<210> 273
 <211> 472
 <212> DNA
 <213> Homo sapien

<400> 273
 ctggagaagg tgtgcagggg aaaccctgct gatgtcaccg aggccagggt gtctttctac 60
 tcgggacact cttccttttg gatgtactgc atgggtgtct tggcgctgta tgtgcaggca 120
 cgactctgtt ggaagtgggc acggctgctg cgaccacag tccagttctt cctgggtggc 180
 tttgccctct acgtgggcta caccgcgtg tctgattaca aacaccactg gagcgatgtc 240
 cttgttgccc tcctgcaggg ggcactggtg gctgccctca ctgtctgcta catctcagac 300
 ttcttcaaag cccgaccccc acagcactgt ctgaaggagg aggagctgga acggaagccc 360
 agcctgtcac tgacgttgac cctgggagag gctgaccaca accactatgg ataccgcac 420
 tcctcctcct gaggccggac cccgcccagg caggagagctg ctgtgagtcc ag 472

<210> 274
 <211> 205
 <212> DNA
 <213> Homo sapien

<400> 274
 ccaggcggcc cgaggactta cggtcggcac ttctctgttc tcccggtgta gcgtgtggtg 60
 tcgctgcat gggtcgtacc tggatgggtg gtccaccatc gacacggagg ggctggattt 120
 gtttctcagg caatcctgta ttttaatttt agatgtattt cctgaagcat atttttcata 180
 gaatgtagcg tgtaaatagc ttttt 205

<210> 275
 <211> 308
 <212> DNA
 <213> Homo sapien

0984966-05001

<400> 275

ctcctcgccc	tcccaccga	catcatgctc	cagttccagc	ttggatttac	actgggcaac	60
gtggttgaa	tgtatctggc	tcagaactat	gatataccaa	acctggctaa	aaaacttgaa	120
gaaattaaaa	aggacttgga	tgccaagaag	aaacccccta	gtgcatgaga	ctgcctccag	180
cactgccttc	aggatatact	gattctactg	ctcttgaggg	cctcgtttac	tatctgaacc	240
aaaagctttt	gttttcgtct	ccagcctcag	cacttctctt	ctttgctaga	ccctgtgttt	300
tttgcttt						308

<210> 276

<211> 201

<212> DNA

<213> Homo sapien

<400> 276

aaattaactt	tttcttgcaa	aatattcatt	tcattttttc	caagaaaatc	ttataaaggc	60
aaaaataaaa	ttttattttg	gcaaattgtca	tgaagtcgat	actggcagca	tatggagtta	120
gttaaaaaata	gacaacaact	gctagatata	ttcaaaattc	tatttttttt	tctgagcata	180
gtcaaaagaga	aattttcatt	t				201

<210> 277

<211> 520

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(520)

<223> n = A,T,C or G

<400> 277

aaaaaaaaaag	tattcagcac	catttgetca	tnggtctttc	agagtttggt	cttaaagttt	60
ctggaacttt	cctgtctgta	aagtaacagg	aattactgag	ctacattgga	aagcctctct	120
gggacaggca	gtggggaggt	aagcagtcac	cataaaggaa	tcagtgtaca	ttcagcatgg	180
tgacttgact	acacaacaat	cccttcccct	ctactgtagc	tcaagagaga	catgcttcta	240
accactgagg	tatgaggagt	ctcagactgt	tatttgctgt	tagaattggg	cttcccagct	300
aataacagta	catctctggc	acagatgcta	ttggtoctta	atgtcctgtg	attttaggaa	360
atagtttgga	tttagttcaa	tttattcaga	aaccaaactg	gtttaattag	cttcactact	420
ctggcagagt	aagggtatgc	tggttttagta	tctttataaa	atatatataa	tgtataggta	480
aatcatagtc	ttaaatacata	cctaaaatac	tgtatcattt			520

<210> 278

<211> 264

<212> DNA

<213> Homo sapien

<400> 278

cgcgcggggc	ggaactttcc	agaacgctcg	gtgagaggcg	gaggagcggt	aactaccccg	60
gctgcgcaca	gctcggcgct	ccttcccgcct	ccctcacaca	ccggcctcag	cccgcaccgg	120
cagtagaaga	tggtgaaaga	aacaacttac	tacgatgttt	tgggggtcaa	acccaatgct	180
actcaggaag	aattgaaaaa	ggcttatagg	aaactggcct	tgaagtacca	tcctgataag	240
aacccaaatg	aaggagagaa	gttt				264

<210> 279

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<211> 414
 <212> DNA
 <213> Homo sapien

<400> 279
 aaacatacaa taattttttat tatggaaatt aatctttaca tacaaaaatca gctacgtaat 60
 ttactttaca aaacaataaa aactgttctt tactgtggca acaaaaagaag cattttgaca 120
 aatgaaaaaa attaatgcaa acaaattaaa acaatgcttt tctttttact tgcttcaactg 180
 tctcttctat ttatttttcta tgatcatttg acacaaacat ggattacttt gatattctact 240
 gaaacataaa tgataagggtt cttaaagggtt gaattaaaaag tctgggtggtt caatattttta 300
 gaagctgaat aaacaaaacg aaattggggtt ttgtgattac agaggattta tcatttttttc 360
 cttttgtcca tatgaaaata tataatagaa aattaccacac gggaacacat tttt 414

<210> 280
 <211> 262
 <212> DNA
 <213> Homo sapien

<400> 280
 ccaccatgcc tggcctgctt caatttttttg atgccacttt gtaaaccggca cttaattatg 60
 gaaaatagga aaaagcaaaa ctaaaataag gaagaggata tatatataac ttttcacaat 120
 ctcttttctg atccccttta gatgccaggt caaccaggac cacacacaga tttcatttta 180
 tttgtagagt atatgaaaag atttaaatagt ctcatgcatt ttatttttacg tatactgatt 240
 tctacgtttt gactgactat tt 262

<210> 281
 <211> 349
 <212> DNA
 <213> Homo sapien

<400> 281
 ctgtgacccg ggtgcatcag tggatatagt tgtgtctccc catggggggtt taacagtctc 60
 tgcccaagac cgtttttctga taatggctgc agaaatggaa cagtcattctg gcacaggccc 120
 agcagaatta actcagtttt ggaaagaagt tcccagaaac aaagtgatgg aacatagggtt 180
 aagatgccat actgttgaaa gcagtaaacc aaacactctt acgttataaa acaatgcttt 240
 caatatgtca gataaaacca gtgaagatat atgtctacaa ctcatcggtt tactagaaag 300
 caataggaag cttgaagacc aagttcagcg ttgtatctgg ttccagcag 349

<210> 282
 <211> 381
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 282
 aaacactaaa tgaagcttct cacaatttct aattataaac aaaaggctga aaacagtatg 60
 ggaaacaaaag tttcaaaaaca aagaaaagtt gagtaaaagg tgccccctct atggctcatc 120
 tgaaagaaac attttactca gagaggcaaa catttctgat ctaggagtaa gtttccact 180
 cactttgcaa ggaccactc attctgcana aagacctaca agtctttctg gtctcaattg 240
 caaagtacgt gaaaatgtgt atgaaagatc taaaagctaa atattagaat aaggctaatt 300

05849626.050301

gaaatcaaaa ttgtgtgctg gtctaaatat acatcttcgg cttcttcctt tttagtaagt 360
 atttttatctt cagatgtatt t 381

<210> 283
 <211> 543
 <212> DNA
 <213> Homo sapien

<400> 283
 aatatagctc ctccctaccc ccaacaatgg accctgcccc ttgcctccca gttccttgat 60
 cttcctagggt tccacaactc tctttttcct tttagtttta ttccctccag ccaaacctct 120
 cttattcaat attttgagcc aatgggggag ttatgtagat ttttttcctt acacattagc 180
 tggccctttt tatgaccaat gactcataag gcaagatgtg tgggtggcatc ttcggacagg 240
 cagcaggcctt taatagggca gcctgggttg gtggaggcaa gcaaagctaa ttggcatgcg 300
 tgggaatcaa accccaggcc ctgggctcat tagcccatgg tcaaaacaac tgagccagag 360
 gaggtataaa tttgcccagg aatatcagta gttcctttat tagaagaaaa tggctgatat 420
 ggaagtggg gaatctgaat tgccagagaa tcttggaag agtaataagc tcttagtctc 480
 aacaaaaagt gttttttcat ctcagcgcgt aaagggtgct atatgggaac aaagaagtat 540
 ttt 543

<210> 284
 <211> 147
 <212> DNA
 <213> Homo sapien

<400> 284
 aaactggtat tttatctttg attctccttc agccctcacc cctggttctc atctttcttg 60
 atcaacatct tttcttgctt ctgtccctt ctctcatctc ttagctcccc tccaacctgg 120
 ggggcagtgg tgtggagaag ccacagg 147

<210> 285
 <211> 316
 <212> DNA
 <213> Homo sapien

<400> 285
 cggccgaggt ctggcttcac tctactccc tctctgctcg cagcacgtcg gccgccagct 60
 ctttgatgtg ttcccaggcc cgtgcacat gggcagattc caccgtgcga gaacagatgg 120
 caaagcgcag gacaaacttg tccctgaggt gacatggaac caagtggatt tttttggcac 180
 tgtttattct ttgcagaaga gcttcattca ctttggttga accctttagc cgaaagcaga 240
 caagccccag aatgacttcc acacagattt caaagcgggg atcctggcgc accagtgact 300
 caaactcatg ggacag 316

<210> 286
 <211> 322
 <212> DNA
 <213> Homo sapien

<400> 286
 cctggggagc cttttagtg ggtgggacct caggcagacc cccaaaccaa agggagccag 60
 atgcccaggt tcaagtcatt agtgatatgt ggcagggtg acagagaaat aatcctggag 120
 gtctccaaag ctgctgggaa tggaatggcg atgaaaagcg caggagtggg cagggtgtgg 180
 tgggtgatgg tggcctcact cagagtggac caaggcccca gtccttgcc caaaaccaa 240
 gcccttgggc ccgaagtttt tagcataaca tcctttgcag taaatctcgc catccttgtc 300

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tgccagggtg gttgactcaa gg

322

<210> 287

<211> 364

<212> DNA

<213> Homo sapien

<400> 287

ctgcccacgc	tcaaaccaat	tctggctgat	atcgagtacc	tgcaggacca	gcacctcctg	60
ctcacagtca	agtccatgga	tggctatgaa	tcctatgggg	agtgtgtggt	tgcactcaaa	120
tccatgatcg	gcagcacggc	ccaacagttc	ctgaccttcc	tatcccaccg	tggcgaggag	180
acaggcaata	tcagaggctc	catgaagggtg	cgggtgcccc	cggagcgcc	gggcacccgt	240
gagcggctct	acgagtggat	cagcattgat	aaggatgagg	caggagcaaa	gagcaaagcc	300
ccctctgtgt	cccgagggag	ccaggagccc	aggtcaggga	gccgcaagcc	agccttcaca	360
gagg						364

<210> 288

<211> 261

<212> DNA

<213> Homo sapien

<400> 288

aaaattataa	ctactcattc	tttcttttagc	cttagttaat	ttgagcagaa	gccacaacaa	60
gcaaaccaca	ataaatttag	aattggcaga	aatccacatt	aactcctctt	cccaagtttc	120
cacactacta	ccatttacag	ttgtaggttt	gtaatgtata	attatgtaat	gcagaaacta	180
gctttgactt	gtgtaacgat	gcactgtcaa	agtaagcaaa	gtaagaattg	aaattccaca	240
ttcccagaat	ttaacactca	g				261

<210> 289

<211> 261

<212> DNA

<213> Homo sapien

<400> 289

ctgagtgtta	aattctggga	atgtggaatt	tcaattctta	ctttgcttac	tttgacagtg	60
catcggttaca	caagtcaaag	ctagtttctg	cattacataa	ttatacatta	caaacctaca	120
actgtaaatg	gtagtagtgt	ggaaacttgg	gaagaggagt	taatgtggat	ttctgccaat	180
tctaaattta	ttgtggtttg	cttggtgtgg	cttctgctca	aattaactaa	ggctaaagaa	240
agaatgagta	gttataattt	t				261

<210> 290

<211> 92

<212> DNA

<213> Homo sapien

<400> 290

ccactacccg	aacttacagg	tgccaaaaga	agaaagggtg	taaacggaga	ccacctatca	60
ctcatcagaa	cctaggatca	tcacattcct	tt			92

<210> 291

<211> 287

<212> DNA

<213> Homo sapien

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<400> 291

ccatggctcc	gctcagggcc	ccggtcacct	ccgagtcact	ctgttccttg	actgtctttg	60
tgtttctgta	cctcaaggca	ctgaagctgg	aggactctgt	ccatgcctgt	gtcaccctcg	120
tgtgggagcc	tctgggctcg	gcagggtccac	atttcattgag	ctgaggcgtg	ggccagggcc	180
atctggaaag	ggaactcggc	ttttccagaa	cggtgtggat	catctgtcgg	gtgtgtgggtg	240
aacacgttca	gttcattcagg	gcctacgctc	cggggaagggg	ccccag		287

<210> 292

<211> 270

<212> DNA

<213> Homo sapien

<400> 292

ccattgtttc	ctcgttggcg	aaggctcctt	gaacatccct	caccttcctc	tcccgcctct	60
gccttctgct	gggtcaaagg	tggccttttc	tctccagcct	tgaattgttc	cctgttggtc	120
tcccaagggc	ccatctgctg	gtacagtcca	cacttccaca	gccaagacc	gagagggctt	180
tcaactgccc	aagcctctct	cctgtgacct	tgggattctg	tcttggcaga	atcctttgtc	240
agcggctctt	actctgtcct	tccgttttgg				270

<210> 293

<211> 333

<212> DNA

<213> Homo sapien

<400> 293

ccatgctcgt	caacctgggtg	tccactgctt	gctacgtctc	cttcctcttc	ctgggctgcg	60
acactggccc	tgtggctggg	gttactgttc	cctatggaaa	cagcacagca	cctggctcag	120
ccctggaccc	ctactcgccc	tgcaataata	actgtgaatg	ccaaaccgat	tccttcactc	180
cagtgtgtgg	ggcagatggc	atcaacctacc	tgtctgcctg	ctttgctggc	tgcaacagca	240
cgaatctcac	gggtgtgtgc	tgcctcacca	ccgtccctgc	tgagaacgca	accgtgggtc	300
ctggaaaatg	ccccagtcct	gggtgccaag	agg			333

<210> 294

<211> 123

<212> DNA

<213> Homo sapien

<400> 294

ctgatacaaa	tacagaaaac	tctgcccatt	atccaagaaa	caaataatta	agactaaaat	60
gcaagctgat	gtgttgacgc	attgtagggc	cactaaatag	ccatctgtga	ttcgtggcaa	120
ttt						123

<210> 295

<211> 311

<212> DNA

<213> Homo sapien

<400> 295

ctgcatacag	acatttgttt	aggtcatctg	gattatcttg	attgtcacca	tggcaactat	60
ccacaaccag	tgcctagggtg	tgtgagaaga	gtgatacaat	aatactgtgg	catggctatt	120
tagctaatac	agtctaagcc	taacagaaac	cttttccatc	aaagtttttc	agagaataac	180
aacatctcat	aagaggccag	aggatggctt	gtgcttaata	tcacacctgt	acagtagggc	240
agtgttccc	aggctgtctg	cttacatttt	agcttgtctt	acggttacat	atggttttag	300
tattttcatt	t					311

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<210> 296
 <211> 241
 <212> DNA
 <213> Homo sapien

<400> 296
 ctgCGgaaga tctgcaacca cccctacatg ttccagcaca tcgaggagtc cttttccgag 60
 cacttgggggt tcaactggcgg cattgtccaa gggctggacc tgtaccgagc ctCGggtaaa 120
 tttgagcttc ttgatagaat tcttcccaaa ctccgagcaa ccaaccacaa agtgctgctg 180
 ttctgcaaaa tgacctccct catgaccatc atggaagatt actttgcgta tcgCGgcttt 240
 a 241

<210> 297
 <211> 295
 <212> DNA
 <213> Homo sapien

<400> 297
 aaacacaaga tgaaaatact ctgttctgtc caaagcatca cctaattggtg tgaggcatct 60
 cacttagctg tggagaagtc cttggaatta gatctcagaa agacagcttt aagacagtaa 120
 aaccttttgg caatgggcta attgccttaa aagaagagtt ctacctgaaa gaccttgag 180
 gtggagaaat tgtcctacaa agattcttgg atatgttagt ggagataact gacatgggta 240
 gctgtgggtc aaccaggaac tgtcaacaac ctgatctctg caaaaccagg atgga 295

<210> 298
 <211> 347
 <212> DNA
 <213> Homo sapien

<400> 298
 ccaaaataaa gcttcaggca agaggcaaag atccagtgga atatgggaga atggtggagg 60
 accaacacct gctaccccag agagcttttc taaaaaaagc aagaaagcag tcatgagtgg 120
 tattcacctt gcagaagaca cggaaggtag tgagtttgag ccagagggac ttccagaagt 180
 tgtaaagaaa gggtttgctg acatcccgac aggaaagact agcccatata tcctgcgaag 240
 aacaaccatg gcaactcgga ccagcccccg cctggctgca cagaagttag cgctatcccc 300
 actgagtctc ggcaaagaaa atcttgcaga gtccctccaaa ccaacag 347

<210> 299
 <211> 268
 <212> DNA
 <213> Homo sapien

<400> 299
 aaaaagtaaa catgaaaaca tcacgaattg taccatgatt caagaataac ttttgtaata 60
 gaaaacacat gaccttttgc agtatagtgt gataccgaag taaaagtga agaaataaat 120
 gcaggaaagt ttaagtggat gtaagttttt ataaggaaag taataagagg aggctgcttt 180
 tgaaggtcct ttgatcttcc atgatgataa tatcgttgca aagttcttta acttgatttc 240
 aagtaattag cagttgacca cttggttt 268

<210> 300
 <211> 185
 <212> DNA
 <213> Homo sapien

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<400> 300
aaattggaga aggaagtttt cctgaagagc cagaatcctt gctaagtcac ttagatccaa 60
ctgaccatct ttattttctgt caaaaatctt catcatggtg ccggtgtatt cttccagttt 120
agcctcagaa atggcctttc tgtggtgaag aaagaggtct cggaggaagt tgcggagctc 180
agcag 185

<210> 301
<211> 75
<212> DNA
<213> Homo sapien

<400> 301
aaaattggaa agtgggataa gaaatctaaa gtaaccagct tatctttgaa acaatattat 60
tttgaaattg gcttt 75

<210> 302
<211> 247
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 302
ccatgttctc tgaattgggt gcagaagaca agggcagagt ggctgcggcc cctattacct 60
ttgtagcagc cacatcagaa agcagaagaa aacagtattt ctgaaggcat tgtttgaggt 120
tgatctcagc actgaacgat ttcaagccct acgcaccana acagaaggag ggtggaggaa 180
gtgatcanag ggaacgagct gtaggtttgc anaaatgtgt gaaacccaaa tgatcactgc 240
ctacttg 247

<210> 303
<211> 535
<212> DNA
<213> Homo sapien

<400> 303
ctgcttcaga ggaaatcact gaaaaataaa gaaaaacat ccatgcatgg ctgcatccag 60
tgtacctgta atcctgaaga aaaggtccta attccttcca tgctgaaatg ctagctttgg 120
tttcagagag agactttatt gcaactgtga ccaccgtcac tggtagagcac tgctgttcgg 180
ccccagcgg acttaaaaga ctggaatgtg gtagtggcgg tcgttctcgg tcagcaggga 240
gatctccggc cagtccctga gaggtcctc tgggtagcag acttcaaagt ctctggagtt 300
aaacttgaac agtctgaaca cttttatctt tacttcaagg gagtatccaa gtataaacat 360
atcaatctgc tctagtccac atgtgtcgcc tacagaattc aggtgattca tcatgaagct 420
caaaggatca gaggatgtct ccctggaaaa caggagtcta aaaagactgg gaatgacctt 480
ttagtcttc atttgttcat aaacttcagt gacttgatac agcatgatga acttt 535

<210> 304
<211> 522
<212> DNA
<213> Homo sapien

09849626.050301

<400> 304
 ccgcgcctcgg tctacaatca cgttttatta ttggctcgtc tagtcatggg atagagaagg 60
 taaatagcaa aatagaaaga aaagggggaa aaggtagaag gcaaggggaa aactattggg 120
 tttagatcct taccctgggc ctgtcaatga tcaggtaatt ggaaggatca aaattaggcc 180
 aaacttggtta attggggccaa aattgaacca aagtttgtgt caagaagacc tggggcagag 240
 atatgtgact aaatcatttg gaatatgccc agaccccaag aatatttatg cccaacttga 300
 atgctaacca gaagtcctt actgtagaag attgtaagggt tgctatttt ttgccccgac 360
 accaaaatat tgatgtattt tccaacacca attctccaat tctctgacac caactcgatg 420
 ttcaacaatt cagttatatt ctgtcactaa ttctgcagc tatcagcagg cccacaggt 480
 aaaggattca gtctcacaag attgcccccc caccacttc ag 522

<210> 305
 <211> 165
 <212> DNA
 <213> Homo sapien

<400> 305
 cctaaagcgc tcctcgctga agctcaagggt gtccacaatg atttgtttgt caaagttatt 60
 gagtgcatat gccagttctc ctctcctcc accctggtgc tgtgaggcat cgtctgaggc 120
 agtggcctgg gctgcattgg aaatgcctgt gaccgcctgc tgcag 165

<210> 306
 <211> 294
 <212> DNA
 <213> Homo sapien

<400> 306
 ctgcacctaa gacatggccc tggctaggcg ggaacagctc acagtagcga tacattcaca 60
 ggacacagtt ggtgtccaga aaagggggct cagaacacag tttctacaca agcacttggc 120
 acccacacga cagagacgtc actcaagcag cacagccaca aatagtttac agcagctcat 180
 gcccggcatc cgcccatgct gggagactcc ctgaaagggtg ggacactgcc gtctatgagg 240
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<210> 307
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 <212> DNA
 <213> Homo sapien

<400> 307
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<210> 308
 <211> 179
 <212> DNA
 <213> Homo sapien

<220>
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 <222> (1)...(179)
 <223> n = A,T,C or G

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ggcccgaaga aggccanct aatcgtgggc tggcgggagc tccacggccc cttcagcca 179

<210> 309
<211> 129
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 309
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cattgtcag 129

<210> 310
<211> 390
<212> DNA
<213> Homo sapien

<400> 310
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gaaccgtggt atgtctgcat gttgcccctt tctcttttcc cctttcctgt cccaccatac 180
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<210> 311
<211> 355
<212> DNA
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<222> (1)...(355)
<223> n = A,T,C or G

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aaaacaaaaa gncaccaatc ttantactgc tgaacttcat ttatgtnacc taacattaac 240
cntcgtagga aaaccaaata gccctctcgt ncangatatg ttgctaaagg actacntgt 300
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<210> 312
<211> 498

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<212> DNA

<213> Homo sapien

<400> 312

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<210> 313

<211> 653

<212> DNA

<213> Homo sapien

<400> 313

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<210> 314

<211> 513

<212> DNA

<213> Homo sapien

<400> 314

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gtctaggact	ttatggctat	taatttttact	atcaaaatat	ccaagggact	ccattcaatg	420
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<210> 315

<211> 222

<212> DNA

<213> Homo sapien

<220>

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<221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

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 gagtcctttc aggaaggtgg actgcattgg tttgatatgt tt 222

<210> 316
 <211> 1633
 <212> DNA
 <213> Homo sapiens

<400> 316
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<210> 317
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 <212> DNA
 <213> Homo sapiens

<400> 317
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<211> 3347

<212> DNA

<213> Homo sapiens

<400> 318

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<212> DNA

<213> Homo sapiens

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<211> 2280

<212> DNA

<213> Homo sapiens

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<211> 1398

<212> DNA

<213> Homo sapiens

<400> 322

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<211> 1316

<212> DNA

<213> Homo sapiens

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<210> 324
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<212> PRT
<213> Homo sapiens
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Glu Val Pro Val Asn Phe Ala Glu Phe Ser Lys Lys Cys Ser Glu Arg
35 40 45

Trp Lys Thr Val Ser Gly Lys Glu Lys Ser Lys Phe Asp Glu Met Ala
50 55 60

Lys Ala Asp Lys Val Arg Tyr Asp Arg Glu Met Lys Asp Tyr Gly Pro
65 70 75 80

Ala Lys Gly Gly Lys Lys Lys Lys Asp Pro Asn Ala Pro Lys Arg Pro
85 90 95

Pro	Ser	Gly	Phe	Phe	Leu	Phe	Cys	Ser	Glu	Phe	Arg	Pro	Lys	Ile	Lys
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Ser Thr Asn Pro Gly Ile Ser Ile Gly Asp Val Ala Lys Lys Leu Gly
115 120 125

Glu Met Trp Asn Asn Leu Asn Asp Ser Glu Lys Gln Pro Tyr Ile Thr
130 135 140

Lys Ala Ala Lys Leu Lys Glu Lys Tyr Glu Lys Asp Val Ala Asp Tyr
145 150 155 160

Lys Ser Lys Gly Lys Phe Asp Gly Ala Lys Gly Pro Ala Lys Val Ala
165 170 175

Arg Lys Lys Val Glu Glu Glu Asp Glu Glu Gln Glu Glu Glu Glu Glu
180 185 190

Glu Glu Glu Glu Glu Glu Asp Glu
195 200

<210> 325
<211> 263
<212> PRT
<213> Homo sapiens

<400> 325

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20 25 30

Ser Ala Thr Val Gly Leu Lys Ser Lys Thr His Ala Val Leu Val Ala
35 40 45

Leu Lys Arg Ala Gln Ser Glu Leu Ala Ala His Gln Lys Lys Ile Leu
50 55 60

His Val Asp Asn His Ile Gly Ile Ser Ile Ala Gly Leu Thr Ala Asp
65 70 75 80

Ala Arg Leu Leu Cys Asn Phe Met Arg Gln Glu Cys Leu Asp Ser Arg
85 90 95

Phe Val Phe Asp Arg Pro Leu Pro Val Ser Arg Leu Val Ser Leu Ile
100 105 110

Gly Ser Lys Thr Gln Ile Pro Thr Gln Arg Tyr Gly Arg Arg Pro Tyr
115 120 125

Gly Val Gly Leu Leu Ile Ala Gly Tyr Asp Asp Met Gly Pro His Ile
130 135 140

Phe Gln Thr Cys Pro Ser Ala Asn Tyr Phe Asp Cys Arg Ala Met Ser
145 150 155 160

Ile Gly Ala Arg Ser Gln Ser Ala Arg Thr Tyr Leu Glu Arg His Met
165 170 175

Ser Glu Phe Met Glu Cys Asn Leu Asn Glu Leu Val Lys His Gly Leu
180 185 190

Arg Ala Leu Arg Glu Thr Leu Pro Ala Glu Gln Asp Leu Thr Thr Lys
195 200 205

Asn Val Ser Ile Gly Ile Val Gly Lys Asp Leu Glu Phe Thr Ile Tyr
210 215 220

Asp Asp Asp Asp Val Ser Pro Phe Leu Glu Gly Leu Glu Glu Arg Pro
225 230 235 240

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Ala Asp Glu Pro Met Glu His
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<210> 326

<211> 539

<212> PRT

<213> Homo sapiens

<400> 326

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Arg Thr Ser Leu Gly Pro Lys Gly Met Asp Lys Met Ile Gln Asp Gly
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Lys Gly Asp Val Thr Ile Thr Asn Asp Gly Ala Thr Ile Leu Lys Gln
 65 70 75 80

Met Gln Val Leu His Pro Ala Ala Arg Met Leu Val Glu Leu Ser Lys
 85 90 95

Ala Gln Asp Ile Glu Ala Gly Asp Gly Thr Thr Ser Val Val Ile Ile
 100 105 110

Ala Gly Ser Leu Leu Asp Ser Cys Thr Lys Leu Leu Gln Lys Gly Ile
 115 120 125

His Pro Thr Ile Ile Ser Glu Ser Phe Gln Lys Ala Leu Glu Lys Gly
 130 135 140

Ile Glu Ile Leu Thr Asp Met Ser Arg Pro Val Glu Leu Ser Asp Arg
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Glu Thr Leu Leu Asn Ser Ala Thr Thr Ser Leu Asn Ser Lys Val Val
 165 170 175

Ser Gln Tyr Ser Ser Leu Leu Ser Pro Met Ser Val Asn Ala Val Met
 180 185 190

Lys Val Ile Asp Pro Ala Thr Ala Thr Ser Val Asp Leu Arg Asp Ile
 195 200 205

Lys Ile Val Lys Lys Leu Gly Gly Thr Ile Asp Asp Cys Glu Leu Val

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210 215 220
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 260 265 270
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 485 490 495
 Lys Gly Gly Ile Ser Asn Ile Leu Glu Glu Leu Val Val Gln Pro Leu

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500

505

510

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 530 535

<210> 327

<211> 144

<212> PRT

<213> Homo sapiens

<400> 327

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 20 25 30

Glu Leu Lys Thr Asp Tyr Lys Asn Pro Ile Asp Gln Cys Asn Thr Leu
 35 40 45

Asn Pro Leu Val Leu Pro Glu Tyr Leu Ile His Ala Phe Phe Cys Val
 50 55 60

Met Phe Leu Cys Ala Ala Glu Trp Leu Thr Leu Gly Leu Asn Met Pro
 65 70 75 80

Leu Leu Ala Tyr His Ile Trp Arg Tyr Met Ser Arg Pro Val Met Ser
 85 90 95

Gly Pro Gly Leu Tyr Asp Pro Thr Thr Ile Met Asn Ala Asp Ile Leu
 100 105 110

Ala Tyr Cys Gln Lys Glu Gly Trp Cys Lys Leu Ala Phe Tyr Leu Leu
 115 120 125

Ala Phe Phe Tyr Tyr Leu Tyr Gly Met Ile Tyr Val Leu Val Ser Ser
 130 135 140

<210> 328

<211> 138

<212> PRT

<213> Homo sapiens

<400> 328

Met Pro Asn Phe Ser Gly Asn Trp Lys Ile Ile Arg Ser Glu Asn Phe
 5 10 15

Glu Glu Leu Leu Lys Val Leu Gly Val Asn Val Met Leu Arg Lys Ile
 20 25 30

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Ala Val Ala Ala Ala Ser Lys Pro Ala Val Glu Ile Lys Gln Glu Gly
35 40 45

Asp Thr Phe Tyr Ile Lys Thr Ser Thr Thr Val Arg Thr Thr Glu Ile
50 55 60

Asn Phe Lys Val Gly Glu Glu Phe Glu Glu Gln Thr Val Asp Gly Arg
65 70 75 80

Pro Cys Lys Ser Leu Val Lys Trp Glu Ser Glu Asn Lys Met Val Cys
85 90 95

Glu Gln Lys Leu Leu Lys Gly Glu Gly Pro Lys Thr Ser Trp Thr Arg
100 105 110

Glu Leu Thr Asn Asp Gly Glu Leu Ile Leu Thr Met Thr Ala Asp Asp
115 120 125

Val Val Cys Thr Arg Val Tyr Val Arg Glu
130 135

<210> 329

<211> 346

<212> PRT

<213> Homo sapiens

<400> 329

Met Phe Leu Ser Ile Leu Val Ala Leu Cys Leu Trp Leu His Leu Ala
5 10 15

Leu Gly Val Arg Gly Ala Pro Cys Glu Ala Val Arg Ile Pro Met Cys
20 25 30

Arg His Met Pro Trp Asn Ile Thr Arg Met Pro Asn His Leu His His
35 40 45

Ser Thr Gln Glu Asn Ala Ile Leu Ala Ile Glu Gln Tyr Glu Glu Leu
50 55 60

Val Asp Val Asn Cys Ser Ala Val Leu Arg Phe Phe Cys Ala Met
65 70 75 80

Tyr Ala Pro Ile Cys Thr Leu Glu Phe Leu His Asp Pro Ile Lys Pro
85 90 95

Cys Lys Ser Val Cys Gln Arg Ala Arg Asp Asp Cys Glu Pro Leu Met
100 105 110

Lys Met Tyr Asn His Ser Trp Pro Glu Ser Leu Ala Cys Asp Glu Leu
115 120 125

Pro Val Tyr Asp Arg Gly Val Cys Ile Ser Pro Glu Ala Ile Val Thr

09849625-050301

130 135 140
 Asp Leu Pro Glu Asp Val Lys Trp Ile Asp Ile Thr Pro Asp Met Met
 145 150 155 160
 Val Gln Glu Arg Pro Leu Asp Val Asp Cys Lys Arg Leu Ser Pro Asp
 165 170 175
 Arg Cys Lys Cys Lys Lys Val Lys Pro Thr Leu Ala Thr Tyr Leu Ser
 180 185 190
 Lys Asn Tyr Ser Tyr Val Ile His Ala Lys Ile Lys Ala Val Gln Arg
 195 200 205
 Ser Gly Cys Asn Glu Val Thr Thr Val Val Asp Val Lys Glu Ile Phe
 210 215 220
 Lys Ser Ser Ser Pro Ile Pro Arg Thr Gln Val Pro Leu Ile Thr Asn
 225 230 235 240
 Ser Ser Cys Gln Cys Pro His Ile Leu Pro His Gln Asp Val Leu Ile
 245 250 255
 Met Cys Tyr Glu Trp Arg Ser Arg Met Met Leu Leu Glu Asn Cys Leu
 260 265 270
 Val Glu Lys Trp Arg Asp Gln Leu Ser Lys Arg Ser Ile Gln Trp Glu
 275 280 285
 Glu Arg Leu Gln Glu Gln Arg Arg Thr Val Gln Asp Lys Lys Lys Thr
 290 295 300
 Ala Gly Arg Thr Ser Arg Ser Asn Pro Pro Lys Pro Lys Gly Lys Pro
 305 310 315 320
 Pro Ala Pro Lys Pro Ala Ser Pro Lys Lys Asn Ile Lys Thr Arg Ser
 325 330 335
 Ala Gln Lys Arg Thr Asn Pro Lys Arg Val
 340 345

<210> 330
 <211> 826
 <212> PRT
 <213> Homo sapiens

<400> 330
 Met Glu Gly Ala Gly Gly Ala Asn Asp Lys Lys Lys Ile Ser Ser Glu
 5 10 15
 Arg Arg Lys Glu Lys Ser Arg Asp Ala Ala Arg Ser Arg Arg Ser Lys
 20 25 30

0549526-05034

Glu Ser Glu Val Phe Tyr Glu Leu Ala His Gln Leu Pro Leu Pro His
 35 40 45
 Asn Val Ser Ser His Leu Asp Lys Ala Ser Val Met Arg Leu Thr Ile
 50 55 60
 Ser Tyr Leu Arg Val Arg Lys Leu Leu Asp Ala Gly Asp Leu Asp Ile
 65 70 75 80
 Glu Asp Asp Met Lys Ala Gln Met Asn Cys Phe Tyr Leu Lys Ala Leu
 85 90 95
 Asp Gly Phe Val Met Val Leu Thr Asp Asp Gly Asp Met Ile Tyr Ile
 100 105 110
 Ser Asp Asn Val Asn Lys Tyr Met Gly Leu Thr Gln Phe Glu Leu Thr
 115 120 125
 Gly His Ser Val Phe Asp Phe Thr His Pro Cys Asp His Glu Glu Met
 130 135 140
 Arg Glu Met Leu Thr His Arg Asn Gly Leu Val Lys Lys Gly Lys Glu
 145 150 155 160
 Gln Asn Thr Gln Arg Ser Phe Phe Leu Arg Met Lys Cys Thr Leu Thr
 165 170 175
 Ser Arg Gly Arg Thr Met Asn Ile Lys Ser Ala Thr Trp Lys Val Leu
 180 185 190
 His Cys Thr Gly His Ile His Val Tyr Asp Thr Asn Ser Asn Gln Pro
 195 200 205
 Gln Cys Gly Tyr Lys Lys Pro Pro Met Thr Cys Leu Val Leu Ile Cys
 210 215 220
 Glu Pro Ile Pro His Pro Ser Asn Ile Glu Ile Pro Leu Asp Ser Lys
 225 230 235 240
 Thr Phe Leu Ser Arg His Ser Leu Asp Met Lys Phe Ser Tyr Cys Asp
 245 250 255
 Glu Arg Ile Thr Glu Leu Met Gly Tyr Glu Pro Glu Glu Leu Leu Gly
 260 265 270
 Arg Ser Ile Tyr Glu Tyr Tyr His Ala Leu Asp Ser Asp His Leu Thr
 275 280 285
 Lys Thr His His Asp Met Phe Thr Lys Gly Gln Val Thr Thr Gly Gln
 290 295 300
 Tyr Arg Met Leu Ala Lys Arg Gly Gly Tyr Val Trp Val Glu Thr Gln
 305 310 315 320

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Glu Pro Thr Ala Asn Ala Thr Thr Thr Thr Ala Thr Thr Asp Glu Leu
610 615 620

Lys Thr Val Thr Lys Asp Arg Met Glu Asp Ile Lys Ile Leu Ile Ala
625 630 635 640

Ser Pro Ser Pro Thr His Ile His Lys Glu Thr Thr Ser Ala Thr Ser
645 650 655

Ser Pro Tyr Arg Asp Thr Gln Ser Arg Thr Ala Ser Pro Asn Arg Ala
660 665 670

Gly Lys Gly Val Ile Glu Gln Thr Glu Lys Ser His Pro Arg Ser Pro
675 680 685

Asn Val Leu Ser Val Ala Leu Ser Gln Arg Thr Thr Val Pro Glu Glu
690 695 700

Glu Leu Asn Pro Lys Ile Leu Ala Leu Gln Asn Ala Gln Arg Lys Arg
705 710 715 720

Lys Met Glu His Asp Gly Ser Leu Phe Gln Ala Val Gly Ile Gly Thr
725 730 735

Leu Leu Gln Gln Pro Asp Asp His Ala Ala Thr Thr Ser Leu Ser Trp
740 745 750

Lys Arg Val Lys Gly Cys Lys Ser Ser Glu Gln Asn Gly Met Glu Gln
755 760 765

Lys Thr Ile Ile Leu Ile Pro Ser Asp Leu Ala Cys Arg Leu Leu Gly
770 775 780

Gln Ser Met Asp Glu Ser Gly Leu Pro Gln Leu Thr Ser Tyr Asp Cys
785 790 795 800

Glu Val Asn Ala Pro Ile Gln Gly Ser Arg Asn Leu Leu Gln Gly Glu
805 810 815

Glu Leu Leu Arg Ala Leu Asp Gln Val Asn
820 825

<210> 331

<211> 92

<212> PRT

<213> Homo sapiens

<400> 331

Met Ala Tyr Arg Gly Gln Gly Gln Lys Val Gln Lys Val Met Val Gln
5 10 15

Pro Ile Asn Leu Ile Phe Arg Tyr Leu Gln Asn Arg Ser Arg Ile Gln
20 25 30

09849626-050304

Asn Pro Arg Tyr Arg Thr Cys Asp Ala Phe Thr Tyr Thr Gly Cys Gly
180 185 190

Gly Asn Asp Asn Asn Phe Val Ser Arg Glu Asp Cys Lys Arg Ala Cys
195 200 205

Ala Lys Ala Leu Lys Lys Lys Lys Lys Met Pro Lys Leu Arg Phe Ala
210 215 220

Ser Arg Ile Arg Lys Ile Arg Lys Lys Gln Phe
225 230 235

<210> 333

<211> 291

<212> PRT

<213> Homo sapiens

<400> 333

Met Gln Arg Ala Arg Pro Thr Leu Trp Ala Ala Ala Leu Thr Leu Leu
5 10 15

Val Leu Leu Arg Gly Pro Pro Val Ala Arg Ala Gly Ala Ser Ser Gly
20 25 30

Gly Leu Gly Pro Val Val Arg Cys Glu Pro Cys Asp Ala Arg Ala Leu
35 40 45

Ala Gln Cys Ala Pro Pro Pro Ala Val Cys Ala Glu Leu Val Arg Glu
50 55 60

Pro Gly Cys Gly Cys Cys Leu Thr Cys Ala Leu Ser Glu Gly Gln Pro
65 70 75 80

Cys Gly Ile Tyr Thr Glu Arg Cys Gly Ser Gly Leu Arg Cys Gln Pro
85 90 95

Ser Pro Asp Glu Ala Arg Pro Leu Gln Ala Leu Leu Asp Gly Arg Gly
100 105 110

Leu Cys Val Asn Ala Ser Ala Val Ser Arg Leu Arg Ala Tyr Leu Leu
115 120 125

Pro Ala Pro Pro Ala Pro Gly Asn Ala Ser Glu Ser Glu Glu Asp Arg
130 135 140

Ser Ala Gly Ser Val Glu Ser Pro Ser Val Ser Ser Thr His Arg Val
145 150 155 160

Ser Asp Pro Lys Phe His Pro Leu His Ser Lys Ile Ile Ile Ile Lys
165 170 175

Lys Gly His Ala Lys Asp Ser Gln Arg Tyr Lys Val Asp Tyr Glu Ser
180 185 190

Gln Ser Thr Asp Thr Gln Asn Phe Ser Ser Glu Ser Lys Arg Glu Thr

0964966-0501

195 200 205
 Glu Tyr Gly Pro Cys Arg Arg Glu Met Glu Asp Thr Leu Asn His Leu
 210 215 220
 Lys Phe Leu Asn Val Leu Ser Pro Arg Gly Val His Ile Pro Asn Cys
 225 230 235 240
 Asp Lys Lys Gly Phe Tyr Lys Lys Lys Gln Cys Arg Pro Ser Lys Gly
 245 250 255
 Arg Lys Arg Gly Phe Cys Trp Cys Val Asp Lys Tyr Gly Gln Pro Leu
 260 265 270
 Pro Gly Tyr Thr Thr Lys Gly Lys Glu Asp Val His Cys Tyr Ser Met
 275 280 285
 Gln Ser Lys
 290
 <210> 334
 <211> 582
 <212> PRT
 <213> Homo sapiens
 <400> 334
 Glu Ser Lys Gly Ala Ser Ser Cys Arg Leu Leu Phe Cys Leu Leu Ile
 5 10 15
 Ser Ala Thr Val Phe Arg Pro Gly Leu Gly Trp Tyr Thr Val Asn Ser
 20 25 30
 Ala Tyr Gly Asp Thr Ile Ile Ile Pro Cys Arg Leu Asp Val Pro Gln
 35 40 45
 Asn Leu Met Phe Gly Lys Trp Lys Tyr Glu Lys Pro Asp Gly Ser Pro
 50 55 60
 Val Phe Ile Ala Phe Arg Ser Ser Thr Lys Lys Ser Val Gln Tyr Asp
 65 70 75 80
 Asp Val Pro Glu Tyr Lys Asp Arg Leu Asn Leu Ser Glu Asn Tyr Thr
 85 90 95
 Leu Ser Ile Ser Asn Ala Arg Ile Ser Asp Glu Lys Arg Phe Val Cys
 100 105 110
 Met Leu Val Thr Glu Asp Asn Val Phe Glu Ala Pro Thr Ile Val Lys
 115 120 125
 Val Phe Lys Gln Pro Ser Lys Pro Glu Ile Val Ser Lys Ala Leu Phe
 130 135 140

0949636-050301

Leu Glu Thr Glu Gln Leu Lys Lys Leu Gly Asp Cys Ile Ser Glu Asp
 145 150 155 160
 Ser Tyr Pro Asp Gly Asn Ile Thr Trp Tyr Arg Asn Gly Lys Val Leu
 165 170 175
 His Pro Leu Glu Gly Ala Val Val Ile Ile Phe Lys Lys Glu Met Asp
 180 185 190
 Pro Val Thr Gln Leu Tyr Thr Met Thr Ser Thr Leu Glu Tyr Lys Thr
 195 200 205
 Thr Lys Ala Asp Ile Gln Met Pro Phe Thr Cys Ser Val Thr Tyr Tyr
 210 215 220
 Gly Pro Ser Gly Gln Lys Thr Ile His Ser Glu Gln Ala Val Phe Asp
 225 230 235 240
 Ile Tyr Tyr Pro Thr Glu Gln Val Thr Ile Gln Val Leu Pro Pro Lys
 245 250 255
 Asn Ala Ile Lys Glu Gly Asp Asn Ile Thr Leu Lys Cys Leu Gly Asn
 260 265 270
 Gly Asn Pro Pro Pro Glu Glu Phe Leu Phe Tyr Leu Pro Gly Gln Pro
 275 280 285
 Glu Gly Ile Arg Ser Ser Asn Thr Tyr Thr Leu Thr Asp Val Arg Arg
 290 295 300
 Asn Ala Thr Gly Asp Tyr Lys Cys Ser Leu Ile Asp Lys Lys Ser Met
 305 310 315 320
 Ile Ala Ser Thr Ala Ile Thr Val His Tyr Leu Asp Leu Ser Leu Asn
 325 330 335
 Pro Ser Gly Glu Val Thr Arg Gln Ile Gly Asp Ala Leu Pro Val Ser
 340 345 350
 Cys Thr Ile Ser Ala Ser Arg Asn Ala Thr Val Val Trp Met Lys Asp
 355 360 365
 Asn Ile Arg Leu Arg Ser Ser Pro Ser Phe Ser Ser Leu His Tyr Gln
 370 375 380
 Asp Ala Gly Asn Tyr Val Cys Glu Thr Ala Leu Gln Glu Val Glu Gly
 385 390 395 400
 Leu Lys Lys Arg Glu Ser Leu Thr Leu Ile Val Glu Gly Lys Pro Gln
 405 410 415
 Ile Lys Met Thr Lys Lys Thr Asp Pro Ser Gly Leu Ser Lys Thr Ile
 420 425 430

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Leu Pro Pro Ile Asp His Ser Glu Ile Asp Tyr Pro Pro Phe Glu Lys
85 90 95

Asn Phe Tyr Asn Glu His Glu Glu Ile Thr Asn Leu Thr Pro Gln Gln
 100 105 110
 Leu Ile Asp Leu Arg His Lys Leu Asn Leu Arg Val Ser Gly Ala Ala
 115 120 125
 Pro Pro Arg Pro Gly Ser Ser Phe Ala His Phe Gly Phe Asp Glu Gln
 130 135 140
 Leu Met His Gln Ile Arg Lys Ser Glu Tyr Thr Gln Pro Thr Pro Ile
 145 150 155 160
 Gln Cys Gln Gly Val Pro Val Ala Leu Ser Gly Arg Asp Met Ile Gly
 165 170 175
 Ile Ala Lys Thr Gly Ser Gly Lys Thr Ala Ala Phe Ile Trp Pro Met
 180 185 190
 Leu Ile His Ile Met Asp Gln Lys Glu Leu Glu Pro Gly Asp Gly Pro
 195 200 205
 Ile Ala Val Ile Val Cys Pro Thr Arg Glu Leu Cys Gln Gln Ile His
 210 215 220
 Ala Glu Cys Lys Arg Phe Gly Lys Ala Tyr Asn Leu Arg Ser Val Ala
 225 230 235 240
 Val Tyr Gly Gly Gly Ser Met Trp Glu Gln Ala Lys Ala Leu Gln Glu
 245 250 255
 Gly Ala Glu Ile Val Val Cys Thr Pro Gly Arg Leu Ile Asp His Val
 260 265 270
 Lys Lys Lys Ala Thr Asn Leu Gln Arg Val Ser Tyr Leu Val Phe Asp
 275 280 285
 Glu Ala Asp Arg Met Phe Asp Met Gly Phe Glu Tyr Gln Val Arg Ser
 290 295 300
 Ile Ala Ser His Val Arg Pro Asp Arg Gln Thr Leu Leu Phe Ser Ala
 305 310 315 320
 Thr Phe Arg Lys Lys Ile Glu Lys Leu Ala Arg Asp Ile Leu Ile Asp
 325 330 335
 Pro Ile Arg Val Val Gln Gly Asp Ile Gly Glu Ala Asn Glu Asp Val
 340 345 350
 Thr Gln Ile Val Glu Ile Leu His Ser Gly Pro Ser Lys Trp Asn Trp
 355 360 365
 Leu Thr Arg Arg Leu Val Glu Phe Thr Ser Ser Gly Ser Val Leu Leu
 370 375 380

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Phe Val Thr Lys Lys Ala Asn Ala Glu Glu Leu Ala Asn Asn Leu Lys
385 390 395 400

Gln Glu Gly His Asn Leu Gly Leu Leu His Gly Asp Met Asp Gln Ser
405 410 415

Glu Arg Asn Lys Val Ile Ser Asp Phe Lys Lys Lys Asp Ile Pro Val
420 425 430

Leu Val Ala Thr Asp Val Ala Ala Arg Gly Leu Asp Ile Pro Ser Ile
435 440 445

Lys Thr Val Ile Asn Tyr Asp Val Ala Arg Asp Ile Asp Thr His Thr
450 455 460

His Arg Ile Gly Arg Thr Gly Arg Ala Gly Glu Lys Gly Val Ala Tyr
465 470 475 480

Thr Leu Leu Thr Pro Lys Asp Ser Asn Phe Ala Gly Asp Leu Val Arg
485 490 495

Asn Leu Glu Gly Ala Asn Gln His Val Ser Lys Glu Leu Leu Asp Leu
500 505 510

Ala Met Gln Asn Ala Trp Phe Arg Lys Ser Arg Phe Lys Gly Gly Lys
515 520 525

Gly Lys Lys Leu Asn Ile Gly Gly Gly Gly Leu Gly Tyr Arg Glu Arg
530 535 540

Pro Gly Leu Gly Ser Glu Asn Met Asp Arg Gly Asn Asn Asn Val Met
545 550 555 560

Ser Asn Tyr Glu Ala Tyr Lys Pro Ser Thr Gly Ala Met Gly Asp Arg
565 570 575

Leu Thr Ala Met Lys Ala Ala Phe Gln Ser Gln Tyr Lys Ser His Phe
580 585 590

Val Ala Ala Ser Leu Ser Asn Gln Lys Ala Gly Ser Ser Ala Ala Gly
595 600 605

Ala Ser Gly Trp Thr Ser Ala Gly Ser Leu Asn Ser Val Pro Thr Asn
610 615 620

Ser Ala Gln Gln Gly His Asn Ser Pro Asp Ser Pro Val Thr Ser Ala
625 630 635 640

Ala Lys Gly Ile Pro Gly Phe Gly Asn Thr Gly Asn Ile Ser Gly Ala
645 650 655

Pro Val Thr Tyr Pro Ser Ala Gly Ala Gln Gly Val Asn Asn Thr Ala
660 665 670

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Ser Gly Asn Asn Ser Arg Glu Gly Thr Gly Gly Ser Asn Gly Lys Arg
675 680 685

Glu Arg Tyr Thr Glu Asn Arg Gly Ser Ser Pro Ser Gln Ser Arg Arg
690 695 700

Asp Trp Gln Ser Ala
705

<210> 336

<211> 480

<212> PRT

<213> Homo sapiens

<400> 336

Met Ile Arg Ala Ala Pro Pro Pro Leu Phe Leu Leu Leu Leu Leu Leu
5 10 15

Leu Leu Leu Val Ser Trp Ala Ser Arg Gly Glu Ala Ala Pro Asp Gln
20 25 30

Asp Glu Ile Gln Arg Leu Pro Gly Leu Ala Lys Gln Pro Ser Phe Arg
35 40 45

Gln Tyr Ser Gly Tyr Leu Lys Ser Ser Gly Ser Lys His Leu His Tyr
50 55 60

Trp Phe Val Glu Ser Gln Lys Asp Pro Glu Asn Ser Pro Val Val Leu
65 70 75 80

Trp Leu Asn Gly Gly Pro Gly Cys Ser Ser Leu Asp Gly Leu Leu Thr
85 90 95

Glu His Gly Pro Phe Leu Val Gln Pro Asp Gly Val Thr Leu Glu Tyr
100 105 110

Asn Pro Tyr Ser Trp Asn Leu Ile Ala Asn Val Leu Tyr Leu Glu Ser
115 120 125

Pro Ala Gly Val Gly Phe Ser Tyr Ser Asp Asp Lys Phe Tyr Ala Thr
130 135 140

Asn Asp Thr Glu Val Ala Gln Ser Asn Phe Glu Ala Leu Gln Asp Phe
145 150 155 160

Phe Arg Leu Phe Pro Glu Tyr Lys Asn Asn Lys Leu Phe Leu Thr Gly
165 170 175

Glu Ser Tyr Ala Gly Ile Tyr Ile Pro Thr Leu Ala Val Leu Val Met
180 185 190

Gln Asp Pro Ser Met Asn Leu Gln Gly Leu Ala Val Gly Asn Gly Leu

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195 200 205
 Ser Ser Tyr Glu Gln Asn Asp Asn Ser Leu Val Tyr Phe Ala Tyr Tyr
 210 215 220
 His Gly Leu Leu Gly Asn Arg Leu Trp Ser Ser Leu Gln Thr His Cys
 225 230 235 240
 Cys Ser Gln Asn Lys Cys Asn Phe Tyr Asp Asn Lys Asp Leu Glu Cys
 245 250 255
 Val Thr Asn Leu Gln Glu Val Ala Arg Ile Val Gly Asn Ser Gly Leu
 260 265 270
 Asn Ile Tyr Asn Leu Tyr Ala Pro Cys Ala Gly Gly Val Pro Ser His
 275 280 285
 Phe Arg Tyr Glu Lys Asp Thr Val Val Val Gln Asp Leu Gly Asn Ile
 290 295 300
 Phe Thr Arg Leu Pro Leu Lys Arg Met Trp His Gln Ala Leu Leu Arg
 305 310 315 320
 Ser Gly Asp Lys Val Arg Met Asp Pro Pro Cys Thr Asn Thr Thr Ala
 325 330 335
 Ala Ser Thr Tyr Leu Asn Asn Pro Tyr Val Arg Lys Ala Leu Asn Ile
 340 345 350
 Pro Glu Gln Leu Pro Gln Trp Asp Met Cys Asn Phe Leu Val Asn Leu
 355 360 365
 Gln Tyr Arg Arg Leu Tyr Arg Ser Met Asn Ser Gln Tyr Leu Lys Leu
 370 375 380
 Leu Ser Ser Gln Lys Tyr Gln Ile Leu Leu Tyr Asn Gly Asp Val Asp
 385 390 395 400
 Met Ala Cys Asn Phe Met Gly Asp Glu Trp Phe Val Asp Ser Leu Asn
 405 410 415
 Gln Lys Met Glu Val Gln Arg Arg Pro Trp Leu Val Lys Tyr Gly Asp
 420 425 430
 Ser Gly Glu Gln Ile Ala Gly Phe Val Lys Glu Phe Ser His Ile Ala
 435 440 445
 Phe Leu Thr Ile Lys Gly Ala Gly His Met Val Pro Thr Asp Lys Pro
 450 455 460
 Leu Ala Ala Phe Thr Met Phe Ser Arg Phe Leu Asn Lys Gln Pro Tyr
 465 470 475 480

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 10E050" 92264860

<210> 337
 <211> 543
 <212> PRT
 <213> Homo sapiens

<400> 337

Met	Ala	Ala	Ala	Lys	Ala	Glu	Met	Gln	Leu	Met	Ser	Pro	Leu	Gln	Ile
				5					10					15	
Ser	Asp	Pro	Phe	Gly	Ser	Phe	Pro	His	Ser	Pro	Thr	Met	Asp	Asn	Tyr
			20					25					30		
Pro	Lys	Leu	Glu	Glu	Met	Met	Leu	Leu	Ser	Asn	Gly	Ala	Pro	Gln	Phe
		35					40					45			
Leu	Gly	Ala	Ala	Gly	Ala	Pro	Glu	Gly	Ser	Gly	Ser	Asn	Ser	Ser	Ser
	50					55					60				
Ser	Ser	Ser	Gly	Gly	Gly	Gly	Gly	Gly	Gly	Gly	Gly	Ser	Asn	Ser	Ser
65					70					75					80
Ser	Ser	Ser	Ser	Thr	Phe	Asn	Pro	Gln	Ala	Asp	Thr	Gly	Glu	Gln	Pro
				85					90					95	
Tyr	Glu	His	Leu	Thr	Ala	Glu	Ser	Phe	Pro	Asp	Ile	Ser	Leu	Asn	Asn
			100					105					110		
Glu	Lys	Val	Leu	Val	Glu	Thr	Ser	Tyr	Pro	Ser	Gln	Thr	Thr	Arg	Leu
		115					120					125			
Pro	Pro	Ile	Thr	Tyr	Thr	Gly	Arg	Phe	Ser	Leu	Glu	Pro	Ala	Pro	Asn
		130				135					140				
Ser	Gly	Asn	Thr	Leu	Trp	Pro	Glu	Pro	Leu	Phe	Ser	Leu	Val	Ser	Gly
145					150					155					160
Leu	Val	Ser	Met	Thr	Asn	Pro	Pro	Ala	Ser	Ser	Ser	Ser	Ala	Pro	Ser
				165					170					175	
Pro	Ala	Ala	Ser	Ser	Ala	Ser	Ala	Ser	Gln	Ser	Pro	Pro	Leu	Ser	Cys
			180					185					190		
Ala	Val	Pro	Ser	Asn	Asp	Ser	Ser	Pro	Ile	Tyr	Ser	Ala	Ala	Pro	Thr
		195					200					205			
Phe	Pro	Thr	Pro	Asn	Thr	Asp	Ile	Phe	Pro	Glu	Pro	Gln	Ser	Gln	Ala
	210					215					220				
Phe	Pro	Gly	Ser	Ala	Gly	Thr	Ala	Leu	Gln	Tyr	Pro	Pro	Pro	Ala	Tyr
225					230					235					240
Pro	Ala	Ala	Lys	Gly	Gly	Phe	Gln	Val	Pro	Met	Ile	Pro	Asp	Tyr	Leu
				245					250					255	

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Phe Pro Gln Gln Gln Gly Asp Leu Gly Leu Gly Thr Pro Asp Gln Lys
260 265 270

Pro Phe Gln Gly Leu Glu Ser Arg Thr Gln Gln Pro Ser Leu Thr Pro
275 280 285

Leu Ser Thr Ile Lys Ala Phe Ala Thr Gln Ser Gly Ser Gln Asp Leu
290 295 300

Lys Ala Leu Asn Thr Ser Tyr Gln Ser Gln Leu Ile Lys Pro Ser Arg
305 310 315 320

Met Arg Lys Tyr Pro Asn Arg Pro Ser Lys Thr Pro Pro His Glu Arg
325 330 335

Pro Tyr Ala Cys Pro Val Glu Ser Cys Asp Arg Arg Phe Ser Arg Ser
340 345 350

Asp Glu Leu Thr Arg His Ile Arg Ile His Thr Gly Gln Lys Pro Phe
355 360 365

Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp His Leu Thr
370 375 380

Thr His Ile Arg Thr His Thr Gly Glu Lys Pro Phe Ala Cys Asp Ile
385 390 395 400

Cys Gly Arg Lys Phe Ala Arg Ser Asp Glu Arg Lys Arg His Thr Lys
405 410 415

Ile His Leu Arg Gln Lys Asp Lys Lys Ala Asp Lys Ser Val Val Ala
420 425 430

Ser Ser Ala Thr Ser Ser Leu Ser Ser Tyr Pro Ser Pro Val Ala Thr
435 440 445

Ser Tyr Pro Ser Pro Val Thr Thr Ser Tyr Pro Ser Pro Ala Thr Thr
450 455 460

Ser Tyr Pro Ser Pro Val Pro Thr Ser Phe Ser Ser Pro Gly Ser Ser
465 470 475 480

Thr Tyr Pro Ser Pro Val His Ser Gly Phe Pro Ser Pro Ser Val Ala
485 490 495

Thr Thr Tyr Ser Ser Val Pro Pro Ala Phe Pro Ala Gln Val Ser Ser
500 505 510

Phe Pro Ser Ser Ala Val Thr Asn Ser Phe Ser Ala Ser Thr Gly Leu
515 520 525

Ser Asp Met Thr Ala Thr Phe Ser Pro Arg Thr Ile Glu Ile Cys
530 535 540

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<210> 338
 <211> 148
 <212> PRT
 <213> Homo sapiens

<400> 338
 Pro Pro Ala Thr Ser Tyr Ala Pro Ser Asp Val Pro Ser Gly Val Ala
 5 10 15
 Leu Phe Leu Thr Ile Pro Phe Ala Phe Phe Leu Pro Glu Leu Ile Phe
 20 25 30
 Gly Phe Leu Val Trp Thr Met Val Ala Ala Thr His Ile Val Tyr Pro
 35 40 45
 Leu Leu Gln Gly Trp Val Met Tyr Val Ser Leu Thr Ser Phe Leu Ile
 50 55 60
 Ser Leu Met Phe Leu Leu Ser Tyr Leu Phe Gly Phe Tyr Lys Arg Phe
 65 70 75 80
 Glu Ser Trp Arg Val Leu Asp Ser Leu Tyr His Gly Thr Thr Gly Ile
 85 90 95
 Leu Tyr Met Ser Ala Ala Val Leu Gln Val His Ala Thr Ile Val Ser
 100 105 110
 Glu Lys Leu Leu Asp Pro Arg Ile Tyr Tyr Ile Asn Ser Ala Ala Ser
 115 120 125
 Phe Phe Ala Phe Ile Ala Thr Leu Leu Tyr Ile Leu His Ala Phe Ser
 130 135 140
 Ile Tyr Tyr His
 145

<210> 339
 <211> 196
 <212> PRT
 <213> Homo sapiens

<400> 339
 Met Pro Gly Met Phe Phe Ser Ala Asn Pro Lys Glu Leu Lys Gly Thr
 5 10 15
 Thr His Ser Leu Leu Asp Asp Lys Met Gln Lys Arg Arg Pro Lys Thr
 20 25 30
 Phe Gly Met Asp Met Lys Ala Tyr Leu Arg Ser Met Ile Pro His Leu
 35 40 45
 Glu Ser Gly Met Lys Ser Ser Lys Ser Lys Asp Val Leu Ser Ala Ala

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50 55 60

Glu Val Met Gln Trp Ser Gln Ser Leu Glu Lys Leu Leu Ala Asn Gln
65 70 75 80

Thr Gly Gln Asn Val Phe Gly Ser Phe Leu Lys Ser Glu Phe Ser Glu
85 90 95

Glu Asn Ile Glu Phe Trp Leu Ala Cys Glu Asp Tyr Lys Lys Thr Glu
100 105 110

Ser Asp Leu Leu Pro Cys Lys Ala Glu Glu Ile Tyr Lys Ala Phe Val
115 120 125

His Ser Asp Ala Ala Lys Gln Ile Asn Ile Asp Phe Arg Thr Arg Glu
130 135 140

Ser Thr Ala Lys Lys Ile Lys Ala Pro Thr Pro Thr Cys Phe Asp Glu
145 150 155 160

Ala Gln Lys Val Ile Tyr Thr Leu Met Glu Lys Asp Ser Tyr Pro Arg
165 170 175

Phe Leu Lys Ser Asp Ile Tyr Leu Asn Leu Leu Asn Asp Leu Gln Ala
180 185 190

Asn Ser Leu Lys
195

<210> 340
<211> 316
<212> PRT
<213> Homo sapiens

<400> 340
Met Ala Thr Phe Val Glu Leu Ser Thr Lys Ala Lys Met Pro Ile Val
5 10 15

Gly Leu Gly Thr Trp Lys Ser Pro Leu Gly Lys Val Lys Glu Ala Val
20 25 30

Lys Val Ala Ile Asp Ala Gly Tyr Arg His Ile Asp Cys Ala Tyr Val
35 40 45

Tyr Gln Asn Glu His Glu Val Gly Glu Ala Ile Gln Glu Lys Ile Gln
50 55 60

Glu Lys Ala Val Lys Arg Glu Asp Leu Phe Ile Val Ser Lys Leu Trp
65 70 75 80

Pro Thr Phe Phe Glu Arg Pro Leu Val Arg Lys Ala Phe Glu Lys Thr
85 90 95

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Leu Lys Asp Leu Lys Leu Ser Tyr Leu Asp Val Tyr Leu Ile His Trp
 100 105 110
 Pro Gln Gly Phe Lys Ser Gly Asp Asp Leu Phe Pro Lys Asp Asp Lys
 115 120 125
 Gly Asn Ala Ile Gly Gly Lys Ala Thr Phe Leu Asp Ala Trp Glu Ala
 130 135 140
 Met Glu Glu Leu Val Asp Glu Gly Leu Val Lys Ala Leu Gly Val Ser
 145 150 155 160
 Asn Phe Ser His Phe Gln Ile Glu Lys Leu Leu Asn Lys Pro Gly Leu
 165 170 175
 Lys Tyr Lys Pro Val Thr Asn Gln Val Glu Cys His Pro Tyr Leu Thr
 180 185 190
 Gln Glu Lys Leu Ile Gln Tyr Cys His Ser Lys Gly Ile Thr Val Thr
 195 200 205
 Ala Tyr Ser Pro Leu Gly Ser Pro Asp Arg Pro Trp Ala Lys Pro Glu
 210 215 220
 Asp Pro Ser Leu Leu Glu Asp Pro Lys Ile Lys Glu Ile Ala Ala Lys
 225 230 235 240
 His Lys Lys Thr Ala Ala Gln Val Leu Ile Arg Phe His Ile Gln Arg
 245 250 255
 Asn Val Ile Val Ile Pro Lys Ser Val Thr Pro Ala Arg Ile Val Glu
 260 265 270
 Asn Ile Gln Val Phe Asp Phe Lys Leu Ser Asp Glu Glu Met Ala Thr
 275 280 285
 Ile Leu Ser Phe Asn Arg Asn Trp Arg Ala Cys Asn Val Leu Gln Ser
 290 295 300
 Ser His Leu Glu Asp Tyr Pro Phe Asn Ala Glu Tyr
 305 310 315

<210> 341
 <211> 422
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 341

gatganattt ttcnagaga gaggaagang ctattcagtt ggatgggatt aaatgcatca

caaataagag aacttagaga gaagtcggaa aagtttgct tccaagcccg aagttaacag 120
aatgatgaaa cttatcatca attcattgta taaaaataaa gagattttcc tgagagaact 180
gatttcaaat gcttctgatg ctttagataa gataaggcta atatcactga ctgatgaaaa 240
tgctctttct ggaaatgagg aactaacagt caaaattaag tgtgataagg agaagacctg 300
ctgcatgtca cagacaccgg tgtaggaatg accagagaag agttgggttaa aaaccttggt 360
accatagcca aatctgggac aagcgagttt ttaaacaaaa tgactgaagc acaggaagat 420
gg 472

<210> 342
<211> 472
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 342
ctggagaagg tgtgcagggg aaacctgtct gatgtcaccg aggccaggtt gtctttctac 60
tcgggacact cttccttttg gatgtactgc atggtgttct tggcgctgna tgtgcaggca 120
cgactctgtt ggaagtgggc acggctgctg cgaccacag tccagttctt cctgggtggcc 180
tttgccctct acgtgggcta caccgcgtg tctgattaca aacaccactg gagcgatgtc 240
cttggtggcc tctgcaggg ggcactggtg gctgccctca ctgtctgcta catctcagac 300
ttcctcaaag cccgaccccc acagcactgt ctgaaggagg aggagctgga acggaagccc 360
agcctgtcac tgacgttgac cctgggcgag gctgaccaca accactatgg ataccgcac 420
tcctcctcct gaggccggac cccgccagg caggagctca ctgtgagtcc ag 472

<210> 343
<211> 139
<212> DNA
<213> Homo sapien

<400> 343
gtcctggggc ttccccttcc ctcaagccag ggctcctcct cctgtcgtgg gctcattgtg 60
accactggcc tctctacagc acggcctgtg gcctgttcaa ggcagaacca cgacccttga 120
ctcccgggtg gggaggtgg 139

<210> 344
<211> 235
<212> DNA
<213> Homo sapien

<400> 344
ctgcgggctc agcacagtag acatgactgg gatccccacc ttggacaacc tccagaaggg 60
agtccaattt gctctcaagt accagtcgct gggccagtgt gtttacgtgc attgtaaggc 120
tgggcgctcc aggagtgcc ctatggtggc agcatacctg attcaggtgc acaaatggag 180
tccagaggag gctgtaagag ccacgcgcaa gatccggtca tacatccaca tcagg 235

<210> 345
<211> 458
<212> DNA
<213> Homo sapien

09049626.050301

<400> 345

ctgtaagggtg	ctattcagtc	ctgtgaccct	tattttggaa	tgctcttcat	tactgttgct	60
ctgttttgtg	acttcctggg	aaaccgccta	ctttggtgtg	gtgtcacctt	gagctgtgca	120
cataggacac	cagttttgac	ttaacctaac	aggcagtttt	tatctctagc	tttttcaagc	180
caggtattga	gcagtttctt	ggccaatggc	ctgagaaacc	acctgtccct	gtcaaggggt	240
gattttattg	gttttaagt	gggaagtaat	cccatgtact	tattttotaa	atacctagga	300
agttcttctt	ggtggctcct	cttggccctc	ccctctttct	cccccaacc	accatcctgc	360
aaggcaagga	atggcctctc	cctccacaga	ggcaacggct	gcagagggag	cactgtggct	420
gccatcccag	ttcctcttca	aagccaaaca	gacacgcg			458

<210> 346

<211> 525

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(525)

<223> n = A,T,C or G

<400> 346

ccagagcaca	acgcctcacc	atggactgga	cctggaggat	nnctctnnng	gtggcagcag	60
ccacaggtgt	ccactcccaa	gcccacttg	tgcagtctgg	ggctgaggag	aagaagcctg	120
gggcctcagt	gactatttct	tgtaaagcct	ctggatata	ncttactaaa	tatactttac	180
attgggtgcg	ccaggccccc	cccggacaaa	gacctgaatg	ggtgggatgg	atcaacactg	240
gcattgatac	cgtaaataat	tcacagaagt	ttcaggacag	agtctccatt	acctgggact	300
catccgcgac	cacagnctac	ctgnanntga	gtagcctgga	atccgaagac	acggctgtgt	360
attactgtgc	gagacttang	gcccgttgcg	tgtggtggga	cttaatgacg	cttttgacat	420
ctggggccaa	gggacagtgg	tcaccgtctc	ttcanggagt	gcattcgccc	caaccctttt	480
ccccctctct	cctgtgaaga	attccccgnc	ggatacgagc	agcgt		525

<210> 347

<211> 423

<212> DNA

<213> Homo sapien

<400> 347

ccagacgctg	acttgtttct	gagtccttaa	gcaggaagga	tttgaaatcc	tggagcttgg	60
cagtcttgct	cttcacctct	aagccaatgt	tgacccttct	atctataaag	tccacaactc	120
tccggaagtc	atcctcacgg	aactgtcgag	aagttaaggc	tggggcccca	agccgcaggc	180
cgcccgggtg	gatggcactt	cggtctccag	gacaggtgtt	cttggttgca	gtgatggata	240
caagctctag	cacccgctca	gcccagctc	catccaggcc	cttgggcccgc	aggtccacca	300
gcaccaggtg	gttgtcagta	ccacctgata	ccagttagta	gcctcgctct	agcagggcat	360
ctgccatggc	ccgagcattc	ttcagaacct	gcaggagta	ctcccgaac	atgggggtgc	420
agg						423

<210> 348

<211> 513

<212> DNA

<213> Homo sapien

<400> 348

cctctaggcc	tgatgctctc	agaggcaata	gaagaaaagt	aaaaggaagg	tctcacttca	60
cagacaatga	aaccctccta	accctcttcc	ccactacca	caactcccta	cactgccaat	120

T02050.92964850

```

ctaaataaaaa agaggacaat gcatgagtgt gagatacaca tacacacaca cacatacaca 180
cacacacacg cacagcttcc ttccagccaa agaactgcaa aatccttccc cggaaggagg 240
acaactggca acaccaatca aggcttggtg gtctaagggtg atggctggaa tcatgtgaga 300
ctggtaaaaa tccagggaga aaatgtttca ccttcagctc attcccaagt ctctatgaag 360
cccgccccac ttccacatag gggaactgtg gctctggggg cagcctctgc agctactcag 420
aataggtggg aggaggggct ggctttgagg ctgccttagc catgaggctc tttgcctagg 480
aatagctgga gatgggagct gcagggggct cag 513

```

```

<210> 349
<211> 231
<212> DNA
<213> Homo sapien

```

```

<400> 349
ccttatttct cttgtccttt cgtacaggga ggaatttgaa gtagatagaa accgacctgg 60
attactccgg tctgaactca gatcacgtag gactttaatc gttgaacaaa cgaaccttta 120
atagcggctg caccatcggg atgtcctgat ccaacatcga ggtcgtaaac cctattgttg 180
atatggactc tagagtagga ttgcgctgtt atccctaggg taacttgttc c 231

```

```

<210> 350
<211> 341
<212> DNA
<213> Homo sapien

```

```

<400> 350
ctgcccagg gcgttcgtaa cggaatgcc gaagcgtggg aaaaagggag cggtagggga 60
agacgggat gagctcagga cagagccaga ggccaagaag agtaagacgg ccgcaaagaa 120
aaatgacaaa gaggcagcag gagagggccc agccctgtat gaggaccccc cagatcagaa 180
aacctcacc agtgggcaaac ctgccacacc caagatctgc tcttggaatg tggatgggct 240
tcgagcctgg attaagaaga aaggattaga ttgggtaaag gaagaagccc cagatatact 300
gtgccttcaa gagaccaa atgttcagagaa caaactacca g 341

```

```

<210> 351
<211> 256
<212> DNA
<213> Homo sapien

```

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<400> 351
ggcgttgggg acggttgtag gacgtggctc tttattcgtg agttttccat ttacctccgc 60
tgaacctaga gcttcagacg ccctatggcg tccgcctcga cccaaccggc ggccttgagc 120
gctgagcaag caaagggtgt cctcgcggag gtgatccagg cgttctccgc cccggagaat 180
gcagtgcgca tggacgaggc tcgggataac gcctgcaacg acatgggtaa gatgctgcaa 240
ttcgtgctgc ccgtgg 256

```

```

<210> 352
<211> 368
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

```

09845626-050301

<400> 352

cctttcttgt	aagtgaagaa	naaggaatgc	agcaaagaag	agttcgacat	tggagtcott	60
agttccatca	ggatccatt	cgcagccttt	agcatcatgt	agaagcaaac	tgcacctatg	120
gctgagatag	gtgcaatgac	ctacaagatt	ttgtgttttc	tagctgtcca	ggaaaagcca	180
tcttcagtct	tgtgacagt	caaagagcaa	gtgaaacccat	ttccagccta	aactacataa	240
aagcagccga	accaatgatt	aaagacctct	aaggctccat	aatcatcatt	aaatatgccc	300
aaactcattg	tgacttttta	ttttatatac	aggattaaaa	tcaacattaa	atcatcttat	360
ttacatgg						368

<210> 353

<211> 368

<212> DNA

<213> Homo sapien

<400> 353

ctgaggggtg	gcagtaagca	atgaggatgg	gctataaagc	tgttaaactgg	ctaagggcca	60
tccttgggca	ggcatttcag	acacatctgt	agagagggca	gtagcatctc	cgataggcca	120
gctctgaagg	aagcttaatg	cttaatacag	tcacactgca	taaattagct	tagaatgctc	180
tcttgggtaa	aaaatattaa	tagtgtatat	gcacttgaag	agcaaaattc	ctcaagaaaa	240
aaagtttaat	agcaaggagt	ttccatcagt	cccggctctt	gtgaggatta	ccacaacaaa	300
cacttaaaag	gatacaacag	gtacttatta	aatgctgcct	tgccttttac	ctcttccttt	360
tttttttt						368

<210> 354

<211> 380

<212> DNA

<213> Homo sapien

<400> 354

ccatggcttc	tcaccagac	agtctttctg	ggcaacttgg	ggaagcccct	gttctgctca	60
agtctcacc	catggaagag	gtgggggaag	ggggccttgg	tttttcagga	agacaggttg	120
gagagcacga	gtcactacaa	agcagtaaaa	gtgaatggtg	tctccagggg	ctgggtccag	180
aacaccacgg	agagccccag	ccataaagg	gtgttcggcc	tctggcctgc	aggaatctct	240
ttgaatctct	ttgattggtg	gctccaagag	caatgggaag	tcaacagcca	ggaggctgga	300
ctgggttccc	tgggaccccg	aggtcccaga	gctgctgggc	agtggttgtc	ggcaaagaag	360
aaaggtccaa	gagggtcagg					380

<210> 355

<211> 347

<212> DNA

<213> Homo sapien

<400> 355

ccagtggagg	ggtgggggta	tcgatcccgc	cgggggctgg	cttggttgct	ggtgccctga	60
gcccttctct	gcccgcctgg	gtgttgccct	cactgatgga	ggtaggcgctc	cagccagatg	120
tcaccagact	tcttcgggga	cctgacgatg	tccaccagcg	cggtgaggaa	gggcttcaact	180
tcgtagctga	ggcgtgctt	ggcacacagc	gacttgacca	gcggggccac	ccggtctgtag	240
ttgtgtctcg	gcatcctggg	gaagaggtgg	tgctcgatct	ggaagttgag	gtgcccgcctg	300
aaccagttgg	tgaaaagtga	gggctccacg	ttgcaggtgg	ctgccag		347

<210> 356

<211> 157

<212> DNA

<213> Homo sapien

T05050"9254860

<400> 356

cctggagctg	ctgaagactg	ctattgggaa	agctggctac	actgataagg	tggtcatcgg	60
catggacgta	gcggcctccg	agttcttcag	gtctgggaag	tatgacctgg	acttcaagtc	120
tcccgatgac	cccagcaggt	acatctcgcc	tgaccag			157

<210> 357

<211> 323

<212> DNA

<213> Homo sapien

<400> 357

ccatacaggg	ctgttgccca	ggccctagag	gtcactcctc	gtaccctgat	ccagaactgt	60
ggggccagca	ccatccgtct	acttacctcc	cttcggggcca	agcacacca	ggagaactgt	120
gagacctggg	gtgtaaatgg	tgagacgggt	acttttggtg	acatgaagga	actgggcata	180
tgggagccat	tggctgtgaa	gctgcagact	tataagacag	cagtggagac	ggcagttctg	240
ctactgcgaa	ttgatgacat	cgtttcaggc	cacaaaaaga	aaggcgatga	ccagagccgg	300
caaggcgggg	ctcctgatgc	tgg				323

<210> 358

<211> 555

<212> DNA

<213> Homo sapien

<400> 358

aaaaggtttc	taaaacatga	cggaggttga	gatgaagctt	cttcatggag	taaaaaatgt	60
atttaaaaaga	aaattgagag	aaaggactac	agagccccga	gttaatacca	atagaagggc	120
aatgctttta	gattaaaatg	aagggtgactt	aaacagctta	aagtttagtt	taaaagtgtg	180
aggtgattaa	aataatttga	aggcgatctt	ttaaaaagag	attaaaccga	aggtgattaa	240
aagaccttga	aatccatgac	gcagggagaa	ttgcgtcatt	taaagcctag	ttaacgcatt	300
tactaaacgc	agacgaaaat	ggaaagatta	attgggagtg	gtaggatgaa	acaatttgga	360
gaagatagaa	gtttgaagtg	gaaaactgga	agacagaagt	acgggaaggc	gaagaaaaga	420
atagagaaga	tagggaaatt	agaagataaa	aacatacttt	tagaagaaaa	aagataaatt	480
taaacctgaa	aagtaggaag	cagaagaaaa	aagacaagct	aggaaacaaa	aagctaaggg	540
caaaatgtac	accac					555

<210> 359

<211> 549

<212> DNA

<213> Homo sapien

<400> 359

ctgccaggct	gaaaagaagc	ctcagctccc	acaccgccct	cctcaccgcc	cttcctcggc	60
agtcacttcc	actggtggac	cacggggccc	cagccctgtg	tcggccttgt	ctgtctcagc	120
tcaaccacag	tctgacacca	gagcccactt	ccatcctctc	tggtgtgagg	cacagcgagg	180
gcagcatctg	gaggagctct	gcagcctcca	cacctaccac	gacctcccag	ggctgggctc	240
aggaaaaacc	agccactgct	ttacaggaca	gggggttgaa	gctgagcccc	gcctcacacc	300
cacccccatg	cactcaaaga	ttggatttta	cagctacttg	caattcaaaa	ttcagaagaa	360
taaaaaatgg	gaacatacag	aactctaaaa	gatagacatc	agaaattggt	aagttaaagct	420
ttttcaaaaa	atcagcaatt	cccagcgta	gtcaagggtg	gacactgcac	gctctggcat	480
gatgggatgg	cgaccgggca	agctttcttc	ctcgagatgc	tcttgctgct	tgagagctat	540
tgctttggt						549

<210> 360

T050301-050301

<211> 289
 <212> DNA
 <213> Homo sapien

<400> 360
 ttttaaatttt actagtgtta cttaatgtat attctaaaaa gagaatgcag taactaatgc 60
 cctaaatggt tgatctctgt ttgtcattac tttttcaaaa ttattttttt ctgtaaagta 120
 taatatataa aacttcttgc ttaaattgaa tttctatatt agtgggttaat tgcagtttat 180
 taaagggatc attatcagta atttcatagc aactgttcta gtgttttgtg tttttaaaac 240
 agaattagga atttgagata tctgattata tttttcatat gaatcacag 289

<210> 361
 <211> 311
 <212> DNA
 <213> Homo sapien

<400> 361
 ctgttcagta tggcaaaggg cagacttact ccttcatcca ctctgctgcc ttgatgaggt 60
 gaacacactg gaataagatg gagggcagga tacctgccaa agcctgagga atgagatgat 120
 ctgaaacaat tgggcaaaagg ctggacattt caaaaagctg acttccaact gcagtttatg 180
 ggtatagaat ttgatgcttc cctcaagtcc tgactgctct ttctgaggca gccaggctag 240
 gccaaagaaat gagctgctcc agcttctcca gagcacagca gcctcccagg gcctgtcagc 300
 atctgcagca g 311

<210> 362
 <211> 496
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

<400> 362
 ccagtttcta aaanaatgca catttaaaga gaagcatcta ccacggcttt aaaacaaaac 60
 aactctgaga tgaacaatat gtgttatact cagagattaa caatctcaat catacatact 120
 gattctttca gacatttaaat aaccactaca tttttttgca ttaatgaagt ttgactatat 180
 gtgtaaaggg actaaatatt ttgcaacag cctgttcttt gttcattctt ttctggatag 240
 cgtgtcctct gtattgcggt agatttatac attctgttgc ctaaaatagt gtgtaaaatg 300
 agctgataaa ctggagtact acttaaaaaa aagtctgtga tttataagat gcatatgctt 360
 tctatgtgaa tataagcttg tgcacaatgt ttaaaagaaa aacaatgaat tagaagagat 420
 cccccgtccc ccagtctgac atatttcata cagaatgttt aaaagaaaaa ctctgctagt 480
 cttggcaaac atttgg 496

<210> 363
 <211> 673
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

0949629-050301

<400> 363

ccaagagggg	gataanacaa	acttctcaaa	caaaaagaaa	agaaaaacga	atgattcatc	60
tgctttaatc	agtgtgatta	atgcagcacc	cattgccccg	ggaaccgttt	ctgctgtact	120
atctggatac	taaaatgtta	cggaagtagc	tctttgttct	ccctcaactct	gcccttagtt	180
aatagaaaatt	cagactcgcc	aagtaaggct	ttgtgcatag	tgtcttcatg	tcgcgtatag	240
ttgagcgcgt	tcttagcagt	tggcttcatg	gacagctcat	tagtgttttg	acttttctta	300
cccagcgtta	attgaattct	tgcttttaga	caacttcctt	tttgtagtgg	tgaaccttgc	360
ccttttagtac	agttcaagtg	aatctggata	attgttcatc	tttgccttag	cttagatacc	420
atgtagtggg	ctgtggctac	aggaagctgg	ttctgtctgc	ttccacagtc	tgcttaaaaa	480
actgtctgac	ttcgtgaata	tagagaccaa	gtttaccact	tctgatgaag	agaccaatta	540
agattcaattc	ctcattctgt	ttctttccag	tgggagaaga	gtcccatga	aataagatga	600
aactgattcc	atgcactagt	acatgtaggc	ttctcccttg	cgcaaagctt	aacaatttgt	660
aggaaaacttt	ggg					673

<210> 364

<211> 495

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(495)

<223> n = A,T,C or G

<400> 364

ccaaatgttt	gcncaagact	agcagagttt	ttcttttaaa	cattctgtat	gaaatatgtc	60
agactggggg	acgggggatc	tcttctaatt	cattgttttt	cttttaaaaca	ttgtgcacaa	120
gcttatattc	acatagaaaag	catatacatc	ttataaatca	cagacttttt	tttaagtagt	180
actccagttt	atcagctcat	tttacacaca	tatttaggca	acagaatgta	taaatctacc	240
gcaatacaga	ggacacacta	tccagaaaag	aatgaacaaa	gaacaggctg	ttgcaaaaat	300
atttagtccc	tttacacata	tagtcaaact	tcattaatgc	aaaaaatgta	gtggttatta	360
aatgtctgaa	agaatcagta	tgtatgattg	agattgttaa	tctctgagta	taacacatat	420
tgttcatctc	agagttgttt	tgtttttaaag	ccgtggtaga	tgcttctctt	taaattgtgca	480
ttttttagaa	actgg					495

<210> 365

<211> 291

<212> DNA

<213> Homo sapien

<400> 365

aactgacaag	cccttgcgcc	tgctctcca	ggatgtctac	aaaattgggtg	gtattgggtac	60
tgttctctgtt	ggcccgagtg	gagactgggtg	ttctcaaacc	cggtaggtgtg	gtcacctttg	120
ctccagtcaa	cgttacaacg	gaagtaaaat	ctgtcgaaat	gcaccatgaa	gctttgagtgtg	180
aagctcttcc	tggggacaat	gtgggcttca	atgtcaagaa	tgtgtctgtc	aaggatgttc	240
gtcgtggcaa	cgttgctggt	gacagcaaaa	atgaccacc	aatggaagca	g	291

<210> 366

<211> 277

<212> DNA

<213> Homo sapien

<400> 366

T0E050-92967850

ctggatggtg	cctcagaagg	tgatttctgc	ttctgcaggg	gcttgaaaca	ccaaggcact	60
ccagggatcc	tggagtcaaa	gcagcagccc	cggttggtgc	actccttggg	ggtgacatgg	120
gggtagcccg	cagtccaccc	tgtccttgcc	tggcacggca	cactgggttg	cagacaggcc	180
cacgtactcc	tcagcagagc	tggaggacaa	gcaaggccag	gaccagcccc	agcatgcaga	240
gcgctctggc	agccatgacc	accgtgggct	ccggggac			277

<210> 367

<211> 311

<212> DNA

<213> Homo sapien

<400> 367

ccagagctgc	ggggcctcag	tacacggagc	tggtccggat	gccacagcac	agcaccatgc	60
tcaggatcat	ctcgaagatc	atgatcacag	cgaccacgat	ggcagcaatg	ccgatgaggt	120
acagcttccc	ggagaagagg	tcatcgatct	tctggtggca	gtcctccttg	aagagggttg	180
tgatgatgtt	gctgcccag	ggacacaaat	tggtcttgag	cactgaggtg	gtcaaagcag	240
tcagtgtgct	ggagccacag	cagtcaagcg	tctcgtggaa	ggtcttcacc	acagccttgg	300
cggtgttggc	g					311

<210> 368

<211> 384

<212> DNA

<213> Homo sapien

<400> 368

ccaaaggggt	ctctagctgc	tgctctgctg	ctcctgctca	tggatgagtt	tggcgatggg	60
gccggtgatg	ccgcctatca	aggtccagta	ctcatcgaag	ctgatgcgcc	catcaggatt	120
ggcatccagg	ttctggatga	gcttatccgc	agccttccgg	ttccctgtgt	ccgacagcat	180
gtggttcagc	tctttctgga	gcattctcgc	gaagctgctc	ttgctgatct	tggtcttgac	240
caggctgtac	ctagacacat	attttagtag	gttttccacc	aggacaatga	ctgccttctc	300
cagctccgtg	tagcaagtct	gacatctccc	tgcttcgcct	gctggcgggg	cctaaggcgg	360
gggccaaagc	cagttacagc	ccag				384

<210> 369

<211> 216

<212> DNA

<213> Homo sapien

<400> 369

ccaagtgcc	ggtggctttc	agcagcttcc	tacgatcagc	cgaagaaagc	agaagctctg	60
gaggctgcc	tcgagaacct	caatgaagcc	aagaactatt	ttgcaaagg	tgactgcaaa	120
gagcgcatca	gggacgtcgt	ttacttccag	gccagactct	accataccct	ggggaagacc	180
caggagagga	accggtgtgc	gatgctcttc	cggcag			216

<210> 370

<211> 561

<212> DNA

<213> Homo sapien

<400> 370

ctggctcctt	cttttgtggt	cgtttggggg	atgggctggt	ttggggttta	ggtgcagaga	60
atggtttggg	gccactgcgt	actggaccac	tctgagcctt	cagggcaggg	ttcttgtgag	120
tcttcatgtc	atcagataca	tgtttcaggg	catgtgtaat	gctctcccc	tgattaatct	180
gcgcgaacag	tgctgagcgg	gaagcagact	catctgagcc	tgaactggta	gagactgggg	240

gaggaggggg	gcctggtgga	gggggaggag	gacctgatcc	ggcagagggt	ccagatggca	300
gtccgctcag	ttcttttgcc	acaggccccg	ttttgctcca	ggccagtccg	gtggtatgga	360
actccttaat	gtaagcctgc	agctctgtcc	atatacttaa	ataagctttg	acccagtcta	420
catgcttctt	atccacatct	ttgtactctt	tgaggactcg	gtttgtataa	aacatggcgg	480
catcattcat	ttctttcgca	taagggccag	gcttggggagc	catagccacc	cagcccaggg	540
cctggatact	ttcgtctgaca	g				561

<210> 371

<211> 518

<212> DNA

<213> Homo sapien

<400> 371

cccacttcca	tcgctctctg	gtgtgaggca	cagcgagggc	agcatctgga	ggagctctgc	60
agcctccaca	cctaccacga	cctcccaggg	ctgggctcag	gaaaaaccag	ccactgcttt	120
acaggacagg	gggttgaaagc	tgagccccgc	ctcacaccca	cccccatgca	ctcaaagatt	180
ggattttaca	gctacttgca	attcaaaaatt	cagaagaata	aaaaatggga	acatacagaa	240
ctctaaaaga	tagacatcag	aaattgttaa	gttaagcttt	ttcaaaaaat	cagcaattcc	300
ccagcgtagt	caagggtgga	cactgcacgc	tctggcatga	tgggatggcg	accgggcaag	360
ctttcttcct	cgagatgctc	tgctgcttga	gagctattgc	tttgtttaaga	tataaaaagg	420
ggtttctttt	tgtctttctg	taagggtggac	ttccagcttt	tgattgaaag	tcctaggggtg	480
attctatttc	tgctgtgatt	tatctgctga	aagctcag			518

<210> 372

<211> 335

<212> DNA

<213> Homo sapien

<400> 372

ctggaggctg	ggtgcaccct	gcccagatcc	acacctgtac	cccggcggaa	aggctcatgg	60
gcattgaaga	cggtggtgaa	aaagccaaaag	ggaaaagcac	caacaccaaa	tgagaagtgg	120
aagcccccg	tatcaccaaa	tggttggaat	ccccctctgc	tctccggagc	tggtctctgg	180
ccctgggggc	ggggtggagt	ttttaatctg	ggatcctggg	gcttctggct	ccctcgccca	240
taaaagcgga	caaccttctc	tctgctgatc	ccagctttac	atactggaca	ctcttgccgt	300
tctggccgtg	tctccagcca	ctgatgaaga	catgg			335

<210> 373

<211> 467

<212> DNA

<213> Homo sapien

<400> 373

ccactagctg	aatcttgaca	tggaaggttt	tagctaattgc	caagtggaga	tgcagaaaat	60
gctaagttga	cttaggggct	gtgcacagga	actaaaaggc	aggaaagtac	taaattattgc	120
tgagagcatc	cacccagga	aggactttac	cttccaggag	ctccaaactg	gcaccacccc	180
cagtgtcac	atggctgact	ttatcctccg	tgttccattt	ggcacagcaa	gtggcagtgt	240
ctccaccacc	tatgatgggtg	atgcagcccc	tagaagtggc	tttcaccacc	tcatccatga	300
gagcttttgt	ttccccgggca	aaagcttccc	attcaaatac	ccccacagga	ccattccaca	360
caatctgctt	agcccagagt	acagcctcag	catacttctt	gctgctttca	ggaccacagt	420
cgaagcccat	ccagccagca	ggtacgccag	aagccacagt	ggcttgg		467

<210> 374

<211> 284

<212> DNA

T0E050-92964850

<213> Homo sapien

<400> 374

tttccgtaaa	agcgtgtaac	aaggggtgtaa	atatttataa	ttttttatac	ctgttgtag	60
acccgagggg	cggcggcgcg	gttttttatg	gtgacacaaa	tgtatatattt	gctaacagca	120
attccaggct	cagtattgtg	accgcggagc	cacaggggac	cccacgcaca	ttccgttgcc	180
ttaccgatg	gcttgtagcg	cggagagaac	cgattaaaac	cgtttgagaa	actcctccct	240
tgtctagccc	tgtgttcgct	gtggacgctg	tagaggcagg	ttgg		284

<210> 375

<211> 307

<212> DNA

<213> Homo sapien

<400> 375

cctactcttc	tccgtccatt	gtactatctg	cccgtggtgg	ggatggcagt	aggatcatat	60
ttgatgactt	ccgagaagca	tattattggc	tccgtcataa	tactccagag	gatgcgaagg	120
tcatgtcctg	gtgggattat	ggctatcaga	ttacagctat	ggcaaaccga	acaatttttag	180
tggacaataa	cacatggaat	aatacccata	tttctcgagt	agggcaggca	atggcgtcca	240
cagaggaaaa	agcctatgag	atcatgaggg	agctcgatgt	cagctatgtg	ctggtcattt	300
ttggagg						307

<210> 376

<211> 650

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 376

ccattgnctn	ctnacgtgat	gtcatcatct	gccaggtcat	cttggcaaaa	gtcggagcat	60
ttctcagtca	ctgcaaagta	gcccttctcg	ttggagcacc	ggaagagacg	tgtgtgtttc	120
atgtactcgg	catcgtcatt	atagggcttc	tgtgccccaa	tgccaccca	gaagaagttc	180
tcaggctcct	caccttcgtt	gataacctgc	ttgctgtagg	aggtgtcaaa	catggtgttc	240
aggatgtcct	ctgccaaactt	ggcttcgtca	gggtctgatg	cccggcccac	ccaggcatac	300
acgatgccct	ggttgtcctc	actctcaaag	ggaaccttga	ggatgaagca	gaactcggag	360
ttgaggaggc	tggagtccgt	gttgatctgg	atgcaccggg	tgcagagggc	gctgccgttg	420
gtgcggatct	ggtagaggct	gggtctgttg	gcgccttgga	ccgccttcct	cttgccccgg	480
tggatgatga	acttcctctt	gaaatgggac	aggaacttgg	ggttctcctg	ctgctgcgtc	540
atgcgtacca	cctccagctt	cccaggggaag	aggctctcga	acttcttttg	caggctgaag	600
gtgaaggtga	cccacccata	ttgggaggct	ttcacggccc	tgccagaagt		650

<210> 377

<211> 306

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

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<400> 377

tctagatgca	tgctcgagcg	gccgccagtg	tgatgganat	ctgcagaatt	cgcccttcga	60
gcggccgccc	gggcagggtc	gggtgctgcc	ttcacctgcc	aggcccttcc	ccgctagctt	120
ggggcgagca	gagctgcgtc	cagtggaaact	aaagccgttc	caggattatc	aaaaactgag	180
cagcaacctt	gggggacctg	gatcatcacg	gactccccca	actggaaggt	ccttctctgg	240
cctcaattcc	cgtctcaagg	ccacgccttc	cacctacagt	ggagtcttcc	gcaccagcg	300
cgtcga						306

<210> 378

<211> 199

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(199)

<223> n = A,T,C or G

<400> 378

ccacangtgg	cacttgggtg	tggtcctct	gttatttgtc	ctcatgtgag	aaagcagatc	60
atctccaaat	cttgccattt	gtatactttt	ggtggagact	tgatgtcat	atcttctttg	120
ttttgggttt	tcttccctag	cttattttgt	ggcttttaaa	gaagtggatt	gtattgtgag	180
atcctgtgat	tcctgtgtg					199

<210> 379

<211> 216

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(216)

<223> n = A,T,C or G

<400> 379

ccagggcang	tcatacaagag	gggcattgtc	ttgcatgcgg	cctgccgtgt	ccaccagcac	60
cacgtcaaag	ccttggttac	gtgcaaaagc	aatggcttcc	atggcaatgc	cagcagcatc	120
cttgccatag	cccttttcaa	acaactgcac	catggtgcgg	ccaccatgct	tctctggagg	180
gtgtagggca	ctcaaacgcc	gggtgtgtgt	acgcag			216

<210> 380

<211> 555

<212> DNA

<213> Homo sapien

<400> 380

ccatgggcct	tcctttccac	taaaaggaat	tccgaacagc	aaaaagaagg	tcttgagata	60
gtgaaaatgg	tgatgatatc	tttagaagg	gaagatgggt	tgatgaaat	ttattcattc	120
agtgagagtc	tgagaaaact	gtgcgtcttc	aagaaaattg	agaggcattc	cattcactgg	180
ccctgccgac	tgaccatttg	ctccaatttg	tctataagga	ttgcagccta	taaatcgatt	240
ctacaggaga	gagttaaaaa	gacttggaca	gttgtggatg	caaaaaccct	aaaaaaagaa	300
gatatacaaa	aagaaacagt	ttattgctta	aatgatgatg	atgaaactga	agtttttaaa	360
gaggatatta	ttcaagggtt	ccgctatgga	agtgatatag	ttcctttctc	taaagtggat	420

T0E050"9296+860

gaggaacaaa tgaaatataa atcggagggg aagtgttct ctgttttggg attttgtaaa 480
 tcttctcagg gtcagagaag attcttcatg ggaaatcaag ttctaaaggc tttgccccaa 540
 gagatgatga ggcag 555

<210> 381
 <211> 406
 <212> DNA
 <213> Homo sapien

<400> 381
 ctgcaccagg tgggcctcta ggtccatta agccattgg tccagggcc agtccaactc 60
 cttttccatc atactgagca gcaaagttcc caccgagacc aggggggccg ggaggaccag 120
 gtggaccagg agggcctgtg ggaccatctt caccatctct gcctgggggg cctggtggac 180
 ccctttctcc acgtggtcct ctatctccgg ctgggccctt tcttacagtt tcctcttgta 240
 aagattggca tgttgctagg cataaggta ctgcaagcag caacaaagtc cgcgtatcca 300
 caaagctgag catgtctagc acttagacat gcagactcct tgtgtcgcag agccccctggg 360
 tcaccggcgg aggtatcacc tggcgggcgc gggcatgcag tcgtgg 406

<210> 382
 <211> 528
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 382
 ctgagcagtt tgtgggtntn tcttcccga agtttcagga agtattcaca aaagaaaaat 60
 acatttttc cccaggggt ggggcaagga cagtggagag agtgctagga aatgagtccc 120
 ctgggaaagg ggaccgggcc gtgatgttaa atatctccgg ctcccaagtg actggatttg 180
 cctaggacct tcagaccaac agacttcaga ccctcagacc tgccccgggg ccaggtggag 240
 aaagtgaggg ccgtacaagg aagtgaatt ctgagttggt ggggctaagc ctgaccccct 300
 ctccatgctc ccgccccaa cccactctgg cctcagtaga ttttttttc agttgtggtt 360
 gttgccagc ctggagtgc gtagcgccat cttggctcac tgcacctcca cttccgggc 420
 tcaagcgatt ctccagcctc agcctcctga gtagctagga ctgcaggtgc tccaccacgc 480
 ccggctaatt tttgtatttt tagtagagat ggggtttccc catgttgg 528

<210> 383
 <211> 335
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 383
 ccatnttgag totactcctg cgtcttgtgc cctagcacc cgagaaccgt cagtttgagc 60
 cagatggaag ctgagctgaa cacattacga tggatgatgg aaacataaga ctatcaagaa 120
 atccaagtgg taatgggcga agtttattca gcatccggca atggacttat cgtagttggg 180
 gaaacgggtg ttccgaataa tatcctggaa gttatcagga cacctatttt aaatataggc 240

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ctgaattttg taaagtaata tttaagggtg tccgtgataa ttaaataaaa tgcttaattc 300
atgtggcgaa aaaaaaaaaa naaaaaaaaa aaaaa 335

<210> 384
<211> 333
<212> DNA
<213> Homo sapien

<400> 384
agccaatac ggctattggg gttgtagcag ctttcagagg aaattagtgg tctgggcttg 60
cctccagctc cccaggggca gccccagtag ctacactgtc cagacagcac aagaccaggc 120
tgggtgtcacg tccatccgag cgctgcctca gggatcgata aagtttctact gcagaaagtc 180
tccactgcgg tatgctgaca tctgccctga accttcaccc tacagcatta caggctttaa 240
tcagattctg ctggaaagac acaggctgat ccacgtgacc tcttctgcct tcaactgggct 300
ggggtgatcc ttggtgcctt tgtttccaca agg 335

<210> 385
<211> 343
<212> DNA
<213> Homo sapien

<400> 385
ctgtgacacc tcaggttgaa agggctcttc tccttgaaca cccaccgagg ggccctggagc 60
aacagccagc cgatatggac ttctagctgc accgggtcac tgaggggtgga gaggtttgtc 120
tggcacctgt actctccact gtcgtcgact gtggcagcgt caatgaagta gctcgaggcc 180
tggcttgaga tgaggctctc attgtgaaac cactgtgtgg aattgtcctc aggggagtag 240
gctccctggc acttcagagt cacactgtcc ttctcgagca ccctgtacca ttgaggctcc 300
aggaacacca cagcctttgg gagatcttca gtccgcatgc caa 343

<210> 386
<211> 244
<212> DNA
<213> Homo sapien

<400> 386
tattctttga ttcttgcaa atagggtgaga gaactaatag caaccaggca actgaggagc 60
aagtcaaaaa gtcggttaaca gaagaatgga atcagccaac ccacttgata agaaattgct 120
ccataaacca gcattgaact gattataaac ataagaacag agacggcaaa aagaacacag 180
gcattatcag ccattctctc agacgaatag taattaccga tgacttcata ctgaatgttg 240
acag 244

<210> 387
<211> 504
<212> DNA
<213> Homo sapien

<400> 387
atctggagtc cagcctcagg gatgcgctac tttccattct ctgcattgaa cattcgttct 60
gtcagcatcc gctccagctt cactgcatca gcggcaaact tgcggatccc gtcagagagc 120
ttctccacag ccatctggtc ctcgttgtgc aaccaacgga aagacttctc atccagggtg 180
attttttcca ggctactggc ttggggccgcc ttggctgaga gcacaggcac cagcttggcg 240
ttgtcctgca gcagctctcc caggagcttg ggtgggatgg tgaggaagtc acagccggcc 300
agtgttttga tctcgcccggt gttgcggaag gaggcgcca tgacaatggg tttgtagcta 360
aacttcttgt agtagttgta gatttttagtg acactcttta ccccagggtc ttccaggggc 420

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```
<210> 388
<211> 450
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G
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```
<210> 389
<211> 297
<212> DNA
<213> Homo sapien
```

```
<210> 390
<211> 223
<212> DNA
<213> Homo sapien
```

```
<210> 391
<211> 365
<212> DNA
<213> Homo sapien
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<400> 391
ctgaggaaga aatgaaaaaa gaccctgtcc ctcatggccc gccactggc ctctgtgaa 60
ctctgtcctg ttgccaaacc cagatgaagt cagccaaaaa gtgctttcca catcctctct 120

ctggggctgc ccagcctgac cgtaggggat ccactggcag agccaaggtg gatgctggtg 180
 cctgaagctg gaagccagca ggacatgaga cccctcctgt agcaggaagt ggttctagaa 240
 ctcccagcag aacagaacgg aaaaggagct gattggggat agaatgagtt ctgctaaaca 300
 gccagatgct ctgagagagg tgacactgga ctgtctcgga ggtgtgtgca gatggctaca 360
 ggtgg 365

<210> 392
 <211> 302
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

<400> 392
 ccaagagcta caatgagcag cgcatcanga cagaacgtgc aggtttttga gttccagttg 60
 actgcagagg acatgaaagc catagatggc ctagacagaa atctccacta ttttaacagt 120
 gatagttttg ctagccaccc taattatcca tattcagatg aatattaaca tggagagctt 180
 tgctgatgt ctaccagaag ccctgtgtgt ggatggtgac gcagaggacg tctctatgcc 240
 ggtgactgga catatcacct ctacttaaata ccgtcctgtt tagcgacttc agtcaactac 300
 ag 302

<210> 393
 <211> 213
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(213)
 <223> n = A,T,C or G

<400> 393
 ccaataatca agnacaaana ctggatttga ggatggatca gttctgaaac agtttctttc 60
 tgaaacagag aaaatgtccc ctgaagacag agcaaaatgc tttggaaaga atgaggccat 120
 acaggcagcc catgatgccg tggcacagga aggccaatgt cgggtagatg acaaggtgaa 180
 tttccatttt attctgttta acaacgtgga tgg 213

<210> 394
 <211> 334
 <212> DNA
 <213> Homo sapien

<400> 394
 cctacccata atccagagag gcttgcccag aggaggacta cgtgggggac gtgccaccag 60
 aaccctactt gggggcgga tgctactccg aggtcaaaac ctgctccgag gtggacgagc 120
 cgtagctccc cgaatgggct taagaagagg tgggtgttca ggtcgtggag gtcctgggag 180
 agggggccta gggcgtggag ctatgggtcg tggcggaatc ggtggttagag gtcgggggat 240
 gataggctcg ggaagagggg gctttggagg ccgaggccga ggccgtggac gagggagagg 300
 tgccttgct cgccctgtat tgaccaagga gcag 334

<210> 395

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<211> 174
 <212> DNA
 <213> Homo sapien

<400> 395
 ccagatgagg aaaaaaatta ggaaggagat gaagttttcc aaattttcatg gtatatgctg 60
 cacttcccca accttcactc tccatgtagc ctactgggtc tactattcca caaagtggct 120
 caacctccaa atgacctctg gtttaccctt attaaaaatcc caaaggactt tcag 174

<210> 396
 <211> 140
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(140)
 <223> n = A,T,C or G

<400> 396
 ctgcaaagcc ttgtgtaacn ttctccagca tttggaccca gtacgtgaaa gccacacaaca 60
 cgttcattgt cttagtatt acagattatt tttgcataac atttggtgtt atctcttgac 120
 ggaatcgctc attccaatgg 140

<210> 397
 <211> 318
 <212> DNA
 <213> Homo sapien

<400> 397
 cctcgectgg agggcccccg ggcagcacag ggaggacgag cttgtccagc agaggggtctg 60
 gcagagggtc ccgcagaggt ttgggcaggg ggtctgacat ccctggctcc tgcctctggct 120
 ctggctgccg ggatttgcac aggccaggt gcatacagat gccgtttgag tcagtctggt 180
 tctggaagta gtcgatgacc agggggaagt agtcgtcaag cacttggttg cactggggca 240
 tgagcagctt caaggggagg acgttgcact cctgctccag gaacttcctc atcgtgtcct 300
 ggaaaatggc ctcccttg 318

<210> 398
 <211> 517
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(517)
 <223> n = A,T,C or G

<400> 398
 ccttncttcg ccattccattc atcgaccctc tccagcactt gctgcaggct tggctgacca 60
 tccaccatgg cttgaataat cccggtgagc tctgtacaga atggggtaag ctgtggatgg 120
 actacaggct ggacatacat gtgaaaggta gactcaatct ccatgggtccg gccatttagc 180
 tttaggatgg ggaactcgat gatttcctga ggatgaatct gtggcttgct gcacgtggcc 240
 tcaaagtcca gactaaaaa gtagtgatac ctctggagag ggaaggacac cattgccgcc 300
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acaccacagg gagaaaataa gtgggagccc agcacttttc ttgctcttga aagtaaatac 420
gaagaaaatc gagctgctcc agtctgtaaa ggtgctagca ttgaacatcc agaagcatct 480
aaaactctcc ttacttcgaa gatgccaaga ccggcag 517

<210> 399
<211> 329
<212> DNA
<213> Homo sapien

<400> 399
ccaacctcag gcaacgggtg gagcagtttg ccagggcctt ccccatgcct ggttttgatg 60
agcattgaag gcacctggga aatgaggccc acagactcaa agttactctc cttcccccta 120
cctgggccag tgaaatagaa agcctttcta ttttttggtg cgggagggaa gacctctcac 180
ttagggcaag agccaggat agtctccctt ccagaattt gtaactgaga agatcttttc 240
tttttccttt tttcggtaac aagacttaga aggagggccc aggcactttc tgtttgaacc 300
cctgtcatga tcacagtgtc agagacgcg 329

<210> 400
<211> 451
<212> DNA
<213> Homo sapien

<400> 400
ctggcttcac tgctcaggtg attatcctga accatccagg ccaaataagc gccggctatg 60
cccctgtatt ggattgccac acggctcaca ttgcatgcaa gtttgctgag ctgaaggaaa 120
agattgatcg ccgttctggt aaaaagctgg aagatggccc taaattcttg aagtctggtg 180
atgctgccat tgttgatatg gttcctggca agcccatgtg tgttgagagc ttctcagact 240
atccaccttt gggtcgcttt gctgttcgtg atatgagaca gacagttgcg gtgggtgtca 300
tcaaagcagt ggacaagaag ctgctggagc tggcaaggct accaagtctg ccagaaaagc 360
tcagaagcta aatgaatatt atccctaata cctgccaccc cactcttaat cagtgggtga 420
agaacggctc agaactgttt gtttcaattg g 451

<210> 401
<211> 180
<212> DNA
<213> Homo sapien

<400> 401
ccaggaagca ggccagggga ttggcagcac tgcccagcac cacagccagg tggtaggcca 60
gacgcccgtg gggtaagcag gaaaagctct gcacggcagg cagcacgcca ttggtcagcg 120
cgttgggtgc ggccaacagg cccagcaggc aggcaactgc ggctgataga agctgatagg 180

<210> 402
<211> 385
<212> DNA
<213> Homo sapien

<400> 402
ccaggccacc tgtcgggggc tcctcgatgt ggaaggttcg ggtgaggaga ttgtagaagg 60
agccgtagca cacggccacc acagtgcacg tgaggcagat cacgttgtag ggcattgctga 120
agtccggtgt cggcagggtt accagcagcg gctccgtgta gagccgcaca aagtagttag 180
agccatcaga gactgggaac aggtgttgta agaggggact ctcttcccag tccactggct 240
tggtgctac catgctgggc acaagggcgc tgaggacaga tgggctgaca tagaagccat 300
ggttaggatc tggcgtgtac tcggtccact tcagcagcgc ccgctcaaac tggatggaaa 360

ccttggtgac tgagttggcc ggcag

385

<210> 403

<211> 440

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(440)

<223> n = A,T,C or G

<400> 403

ctgtttaacc	agnaaccg	ggggtcacc	cccacagaat	gtacatgaaa	cactagagga	60
ctgcatgttt	ttccctgaga	gaagcgtaag	acaaacagaa	gtcaaaaagt	agtcactggg	120
agcgccatcc	ttctaagcaa	atcctccctt	tcccttttgg	aggatttgcc	cgaactacgt	180
agccagtcag	cacttagacc	acctgcctcc	tccccccct	ataaaccac	cactcccctc	240
ctcctttccc	aaaccacttg	gggtgtccta	agccctcact	gccccaaagg	caaaatatca	300
gctaagatcc	ttgtcagtat	ttccacagtc	atacctaata	aattgggaag	tggggcccct	360
aaaaaccaat	tcacatctat	gcacttggtt	ccactggatt	tggcagacag	gcttttttag	420
ttaccgtaac	cagatcttaa					440

<210> 404

<211> 239

<212> DNA

<213> Homo sapien

<400> 404

cctacgaaaa	actcccgcc	ggtgaagaga	acgtcagtgc	catccagcgt	cgcgttctcg	60
tctcctat	ccacaattcg	gagccccagg	tottgcaggg	ctttgcgga	tccatcgacc	120
tctggcctac	gagcggggct	ccagggccgc	gtgattaggg	ccgtgtcccc	ttggatcacg	180
gccgtgtcgc	caagcagcgg	tcccagcggc	aatgactcct	caggtggcag	ttctagcag	239

<210> 405

<211> 261

<212> DNA

<213> Homo sapien

<400> 405

ctggagaggc	agcccttcac	cggatgccca	gctccgtgcc	cctgcggggc	ccagcacagt	60
ttaccttctc	ccccacggc	ggtcccatct	actctgtgag	ctgttcccc	ttccacagga	120
atctcttctc	gagcgctggg	actgacgggc	atgtccacct	gtactccatg	ctgcaggccc	180
ctcccttgac	ttcgctgcag	ctctccctca	agtatctggt	tgctgtgcgc	tgggtccccag	240
tgcggccctt	ggtttttgca	g				261

<210> 406

<211> 641

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(641)

<223> n = A,T,C or G

T0E050" 92964360

<400> 406

ctgctcccgg	gcntggtggc	agcaagtaga	catcgggcct	gtgcagggcc	acccccttgg	60
gccgggagat	ggtctgcttc	agtggcgagg	gcaggtctgt	gtgggtcacg	gtgcacgtga	120
acctctcccc	ggaattccag	tcatcctcgc	agatgctggc	ctcaccacag	gcgctgaaag	180
tggcattggg	gtggctctcg	gagatgttgg	tgtgggtttt	cacagcttcg	ccattctggc	240
gggtccagga	gatggtcacg	ctgtcatagg	tggtcaggtc	tgtgaccagg	caggtcaact	300
tgggtgactt	ggtgaggaag	atgctggcaa	aggatggggg	gatggcgaag	acccggatgg	360
ctgtgtcttg	atcggggaca	cacatggagg	acgcattctg	ctggaaggtc	aggcccctgt	420
gatccacgcg	gcaggtgaac	atgctctggc	tgagccagtc	gctctctttg	atggtcagtg	480
tgctggtcac	cttgtaggtc	gtgggcccag	actctttggc	ctcagcctgc	acctggtccg	540
tggtgacgcc	agacccacc	tgcttcccct	cgcgcagcca	ggacacctga	atctgccggg	600
gactgaaacc	cgtggcctgg	cagatgagct	tggacttgcg	g		641

<210> 407

<211> 173

<212> DNA

<213> Homo sapien

<400> 407

ccaggtactg	gcacaatcat	gtctggatgg	gggtgggtgg	gtcctgtagg	cagagaaaaca	60
ggaaattgtc	gtagtcagta	tcgagcagcg	tggcctcggt	cgccaccgta	tagttgatct	120
tgaacttctt	tggattctca	gtcttctctc	caaggacctt	cttctcaaca	cag	173

<210> 408

<211> 165

<212> DNA

<213> Homo sapien

<400> 408

ccactgtctg	cagccatggc	agaaagtgct	caaagtccag	caccttcaca	ttcatctcat	60
cactcttggg	gttccccagg	accttgagca	cctcggcggt	ggtagggttc	tggcccaggg	120
ccctcatcac	atccccacac	tggctgtaca	ggatcttgcc	atcac		165

<210> 409

<211> 329

<212> DNA

<213> Homo sapien

<400> 409

ctgtagcttc	tgtgggactt	ccactgctca	ggcgctcaggc	tcagatagct	gctggccgcg	60
tacttgttgt	tgttttgttt	ggaggggtgtg	gtggtctcca	ctccgcctt	gacggggctg	120
ctatctgct	tccaggccac	tgtcacggct	cccgggtaga	agtcacctat	gagacacacc	180
agtgtggcct	tgttggttg	aagctcctca	gaggagggcg	ggaacagagt	gaccgagggg	240
gcagccttgg	gctgaccaag	gacggtcagc	ttggtccctc	cgccaaatac	cgccggataa	300
gcaccactgt	tgtctgctga	ttgacagaa				329

<210> 410

<211> 235

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

T0E050"92954B50

<222> (1)...(235)

<223> n = A,T,C or G

<400> 410

ccatcagnga gaaaggtggt	tgtcagttgt	ttcacaaacc	agattgagga	ggacaaactg	60
ctctgccaat ttctggattt	ctttattttc	agcaaaact	ttctttaaag	cttgactgtg	120
tgggcactca tccaagtgat	gaataatcat	caagggttg	ttgcttgtct	tggatttata	180
tagagctttt tcatatgtct	gagtccagat	gagttggtca	ccccaacctc	tggag	235

<210> 411

<211> 294

<212> DNA

<213> Homo sapien

<400> 411

aattaagggga agatgaagat	gataaaacag	ttttggatct	tgtgtgtggtt	ttgtttgaaa	60
cagcaacgct tcggtcagg	tatcttttac	cagacactaa	agcatatgga	gatagaatag	120
aaagaatgct tcgcctcagt	ttgaacattg	accctgatgc	aaaggtggaa	gaagagcctg	180
aagaagaacc tgaagagaca	gcagaagaca	caacagaaga	cacagagcaa	gacgaagatg	240
aagaaatgga tgtgggaaca	gatgaagaag	aagaaacagc	aaaggaatct	acag	294

<210> 412

<211> 433

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(433)

<223> n = A,T,C or G

<400> 412

cctgagaagc cagaggcagg	tggagagggg	gtggaaagtg	agcagcgggc	tgggctggag	60
ccgcacacgc tctcctccca	tgttaaatag	cacctttaga	aaaattcaca	agtcccatc	120
cacaaaaaaa aaaanaanaa	aaatttcagg	gantaaaaat	anactttgaa	caaaaaggaa	180
catttgntgg cctggggggg	catctnantt	tntntagcnc	cagngattcc	ctcccnccc	240
cacccatcac atanatgtaa	cacctttggt	ntaaaatggg	gagccgtttc	cacntgccc	300
ccntccccgc cccaggcag	ttgccccggn	gacacntcaa	gacaggancg	aggtagtntt	360
tcancancac agttncaaca	ggaacagaac	agtntctccc	gccagccct	gcggcacaag	420
ggattgacac gcn					433

<210> 413

<211> 494

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(494)

<223> n = A,T,C or G

<400> 413

ccttatttct cttgtcnctt	cgtacaggga	ggaatttgaa	gtagatagaa	accgacctgg	60
attactccgg tctgaactca	gatcacgtag	gactttaatc	gttgaacaaa	cgaaccttta	120

0984966-050701

atagcggctg caccatcggg atgtcctgat ccaacatcga ggtcgtaaac cctattgttg 180
 atatggactc tagaatagga ttgcgctggt atccctaggg taacttggtc cgttgggtcaa 240
 gttattggat caattgagta tagtagttcg ctttgactgg tgaagtctta gcatgtactg 300
 ctcgagggtt gggttctgct ccgaggtcgc cccaaccgaa atttttaatg caggtttggg 360
 agtttaggac ctgtgggttt gttaggtact gtttgatta ataaattaaa gtcctatagg 420
 gtcttctcgt cttgctgtgt tatgcccgcg tcttcacggg caggtcaatt tcaactggta 480
 aaagtaagag acag 494

<210> 414
 <211> 294
 <212> DNA
 <213> Homo sapien

<400> 414
 ctgggaggat agcaccgggc atattttgga atggatgagg tctggcaccc tgagcagtcc 60
 agcgaggact tggctcttagt tgagcaattt ggctaggagg atagtatgca gcacggttct 120
 gagtctgtgg gatagctgcc atgaagtaac ctgaaggagg tgctggctgg taggggttga 180
 ttacagggtt gggaacagct cgtacacctg ccattctctg catatactgg ttagtgaggt 240
 gagcctggcg ctcttctttg cgctgagcta aagctacata caatggcctt gtgg 294

<210> 415
 <211> 421
 <212> DNA
 <213> Homo sapien

<400> 415
 cettgcccct gccctcccac gaatgggtaa tatatatgta gatatatatt ttagcagtga 60
 cattcccaga gagccccaga gctctcaagc tcctttctgt cagggtgggg gggttcagcct 120
 gtctgtcac ctctgagggt cctgctggca tcctctcccc catgcttact aatacattcc 180
 cttcccata gccatcaaaa ctggaccaac tggcctcttc ctttcccctg ggaccaaatt 240
 ttaggggcct cagtcctca ccgccatgcc ctggcctatt ctgtctctcc ttcttcccc 300
 tggcctgttc tgtctctgag ctctgtgtcc tccgttcatt ccatggctgg gagtactga 360
 tgctgcctct gccttctgat gctggactgg ccttgcttct acaagtatgc ttctcccaca 420
 g 421

<210> 416
 <211> 342
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 416
 ccactttctt tcccacnctg gaaggcggca tctatgactt cattggggag ttcatgaagg 60
 ccagcgtgga tgtggcagac ctgataggtc taaacctgtg catgtcccgg aatgccggca 120
 agggagagta caagatcatg gttgctgccc tgggctgggc cactgctgag cttattatgt 180
 cccgctgcac tcccctatgg gtcggagccc ggggcattga gtttgactgg aagtacatcc 240
 agatgagcat agactccaac atcagtctgg tccattacat cgtcgcgtct gctcaggtct 300
 ggatgataac acgctatgat ctgtaccaca ctttccggcc gg 342

<210> 417

<211> 389
 <212> DNA
 <213> Homo sapien

<400> 417

tattaattag	gttcttaaga	catttagaac	accaatttgt	gaggataaat	tccattcgtc	60
agagcaaaca	cagatcgag	gtagccctgg	agctgaggaa	tagctttgat	ttttggtaaa	120
atttgtgagt	ccacagcttt	ctgatcaatc	ttgcgctgct	ccgtaatctc	atatttctct	180
ttttctgtgt	cgaagatctc	accttcctgg	tgtctgggct	tccgcagctt	cttcttcttg	240
aagtaagcat	cagtaagatg	ttttgggatt	tttacattgc	tgatatcgat	tttgggtgaa	300
gtggcaatga	caaatttctg	gtgtgttctt	cgtagaggaa	ctcgattgag	gaccagaggt	360
ccagtcacaa	gtaataagcc	actagccag				389

<210> 418
 <211> 343
 <212> DNA
 <213> Homo sapien

<400> 418

gtgggagggg	gccaggttgg	gatggagggg	gtttacagga	agcagacagg	gccaacgtcg	60
aagccgaatt	cctggctctg	ggcaccaacg	tccaaggggg	ccacatcgat	gatgggcagg	120
cgggaggtct	tgggtggttt	gtattcaatc	actgtcttgc	cccaggctcc	ggtgtgactc	180
gtgcagccat	cgacagtgc	gctgtagggt	aagcggctgt	tgccctcggc	gcggatctcg	240
atctcgttgg	agccctggag	gagcagggcc	ttcttgagggt	tgccagtctg	ctgggtccatg	300
taggccacgc	tgtttttgca	gtggtagggt	atgttctggg	agg		343

<210> 419
 <211> 255
 <212> DNA
 <213> Homo sapien

<400> 419

cctagcaaga	gaatcaccaa	atttatggag	agttaacagg	ggtttaacag	gaaggaagtg	60
cctttagtaa	gttctcaagc	cagaggctgg	aggcagcagc	taaatcagag	gacagcatcc	120
tcagtgaag	tgagccattc	ggggtggcat	gtcactccag	gaataaacac	aacttagaaa	180
caaagtattt	cgtaggatag	cacagtgcac	tggtgcactg	tgaacctgag	gccactgtgt	240
caaactgtgc	actgg					255

<210> 420
 <211> 261
 <212> DNA
 <213> Homo sapien

<400> 420

cttctgatga	taaccaaccc	ctagctacca	ctctgtattc	atcaggggag	gggtataaac	60
cccacatgca	agaagaaccc	ttgccccag	tgtcaaattg	gatggggatg	ctagagttat	120
agtaaagggg	aaaccctatg	taagctgtta	acagagttca	caggggtagg	gataaccctt	180
gttctccagc	tcccaaattg	gtcactttc	ccagcttctt	catccgttca	tcaatgctgg	240
caaagttccc	ctcaactgtg	g				261

<210> 421
 <211> 179
 <212> DNA
 <213> Homo sapien

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<400> 421
 ccttcctggt gttgtttcaa atgctgcttg atttctcgta acagatctgc atctatgtaa 60
 tacctttctt cagatctgac tgctccaaaa tgattctgca tcctgatttg agacatcaat 120
 tcatttagtc ggcccttgaa ctgagtaggt gcatttagtt caccctgaat cgtatccag 179

<210> 422
 <211> 424
 <212> DNA
 <213> Homo sapien

<400> 422
 cgaggtccaa atctgatctg cagatgcaga agattcgaca gaagctgcag actaaacagg 60
 ctgccatgga gaggtctgga aaagctaagc aactgcgagc acttaggaaa tacgggaaga 120
 aggtgcaaac ggaggttctt cagaagaggc agcaggagaa agcccatatg atgaatgcta 180
 ttaagaaata tcagaaaggc ttctctgata aactggattt ccttgaggga gatcagaaac 240
 ctctggcaca gcacaagaag gcaggagcca aaggccagca gatgaggaag gggcccagtg 300
 ctaaaccgac gtataaaaaa cagaagtttg gttttggtgg aaagaagaaa ggctcaaagt 360
 ggaacactcg ggagagctat gatgatgtat ctagcttccg ggccaagaca gctcatggca 420
 gagg 424

<210> 423
 <211> 256
 <212> DNA
 <213> Homo sapien

<400> 423
 ctgtggccta gggctacctc aagactcacc tcatccttac cgcacattta aggcgccatt 60
 gcttttgga gactggaaaa gggaagggtga ctgaaggctg tcaggattct tcaaggagaa 120
 tgaatactgg gaatcaagac aagactatac cttatccata ggcgaggtg cacaggggga 180
 ggccataaag atcaaacatg catggatggg tcctcacgca gacacacca cagaaggaca 240
 ctagcctgtg cacgcg 256

<210> 424
 <211> 330
 <212> DNA
 <213> Homo sapien

<400> 424
 ccagccgcat gggagtggag gcagtcacg ccttgctaga ggccaccccg gacacccag 60
 cttgcgtcgt gtcactgaac gggaaccacg ccgtgcgct gccgctgatg gagtgcgtgc 120
 agatgactca ggatgtgcag aaggcgatgg acgagaggag atttcaagat gcggttcgac 180
 tccgagggag gagctttgcg ggcaacctga acacctaaa gcgacttgcc atcaagctgc 240
 cggatgatca gatcccaaag accaattgca acgtagctgt catcaacgtg ggggcacccg 300
 cggtgggat gaacgcggcc gtacgctcag 330

<210> 425
 <211> 333
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(333)

<223> n = A,T,C or G

<400> 425

ctgctccatg	gntctaaagt	cagcaccacc	cacacccaca	atgatcactg	acatgggcag	60
gttcgaggca	cgcaccacag	cctcacgtgt	ggcttccaca	tccgtcacag	caccatcagt	120
cagnagaaac	agnatgaagt	attgngaggc	antccccctga	tgtgcagcct	gggctgcaaa	180
cctggacctg	cccgggcggc	cgctcgaaag	ggcgaattcc	agcacactgg	cggccgttac	240
tagnggatnc	aganctcggg	acnaagcttg	gcagtaatca	tggtcatagc	tgtttcctgt	300
gagcggntgg	gatgaacgcg	gccgtacgct	cat			333

<210> 426

<211> 411

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 426

gggtgttcat	catgaggatt	gcttctgccca	tggagctgat	ggacgtgggc	aggttgctga	60
gaaggtgggg	tggaagttag	tgccgggggt	gggtgagtgc	cctgggtcttg	ttcatagggg	120
agcctttccc	tagcagtggg	acgctgtggt	cattttctct	agcatattcc	cttgggaagt	180
ctagatttgc	tattaatctg	gctgagaatc	taagtctctg	gccttagaga	cagtttgcac	240
tttcccatat	tgtgcctggg	acagccatat	gatttttttt	cccaccaaac	aagtatgcaa	300
acagaaacca	gttcaaagg	ggatggtgta	aaagatgagg	cagtanaaat	gcctttgaat	360
ggttttctgt	agctaattct	cttttaaattt	tgtcctgctt	tttttcttta	t	411

<210> 427

<211> 450

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 427

acgtgtacaa	gtttgaactg	gatacctctg	aaagaaagat	tgaatttgac	tctgcctctg	60
gcacctacac	tctctactta	atcattggag	atgccacttt	gaagaacca	atcctctgga	120
atgtggctga	tgtggncatc	aagttccctg	aggaagaagc	tccctcgact	gtcttgtccc	180
agaacctttt	cactccaaaa	caggaaattc	agcacctggt	ccgcgagcct	gagaagaggc	240
ccccaccgt	ggtgtccaat	acattcactg	ccctgatcct	ctcgccgttg	cttctgctct	300
tcgctctgtg	gatccggatt	ggtgccaatg	tctccaaact	cacttttgc	cctagcacga	360
ttatatttca	cctgggacat	gctgctatgc	tgggactcat	gtatgtctac	tggactcagc	420
tcaacatggt	ccagaccttg	aagtacctgg				450

<210> 428

<211> 377

<212> DNA

<213> Homo sapien

09849626.050301

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 428
 cagggctata gtgcgctatg ttgatctggt gttcatgcta agttccgcat caatatggtg 60
 acttcttggg agtgggggac caccagggtg cctaaggagg ggtgaacctg cctacgttgg 120
 aaatagagct ggncaaaaact cctgtgctca tcagtagtag aattgcacct gtgaatagcc 180
 nccgcctcc agcatgggca acataacaag accctgcctc ttaaagataa aaattggaaa 240
 acactngtag gaaaaaaagg gtgnttggtc taaataaatn tggattgggn ataaatgacn 300
 caaaactatc atgaatttga aagcntttct aatttcttga aagtctgaaa aaagttaaan 360
 cncaatttta tctnaaa 377

<210> 429
 <211> 206
 <212> DNA
 <213> Homo sapien

<400> 429
 gttgctcctc caaagaaggt tggcttcaag gccgtgtcca gggacccacg agcagaggca 60
 ctggggggca agggatctcc aagggggcaa gggatcccta aagggggtag ctcacagggtg 120
 aggggggtta gggccctct agggagcgcc tgaggccata cattcaagag tgtccctggt 180
 gaggcccagg gaagagccag gactgg 206

<210> 430
 <211> 473
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 430
 ccttatttnt cttgtccttt cgtacaggga ggaatttgaa gtagatagaa accgacctgg 60
 attactccgg tctgaactca gatcacgtag gactttaatc gttgaacaaa cgaaccttta 120
 atagcggctg caccatcggg atgtcctgat ccaacatcga ggtcgtaaac cctattgttg 180
 atatggactc tagaatagga ttgcgctggt atccctaggg taacttggtc cgttgggtcaa 240
 gttattggat caattgagta tagtagttcg ctttgactgg tgaagtctta gcatgtactg 300
 ctcggagggtt gggttctgct ccgaggtcnc cccanccgaa atttttaatg caggtttggt 360
 agntnaggac ctgtgggttt gttaggtagt ggggtgcatta ataaattaaa gctccatagg 420
 gtcttctcgt cttgctgtgt tatgccncc tcttcacggg caggtcaatt tca 473

<210> 431
 <211> 215
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

09849626.050301

<400> 431
 cctgtatnaa gctanaaaaa gactaccagc ccgggatcac cttcatcgtg gtgcagaaga 60
 ggcaccacac ccggctcttc tgcactgaca agaacgagcg ggttgggaaa agtggaaaca 120
 ttccagcagg cacgactgtg gacacgaaaa tcaccacccc caccgagttc gacttctacc 180
 tgtgtagtca cgctggcatc caggggacaa gcagg 215

<210> 432
 <211> 391
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 432
 ccagcactgc cacaacttt ttcagggccca ccaggcgctg cccttccagg accgggaacc 60
 tgcccacttc tatccgcagg atgtagtgcg gtgcagattc caggtcagcc atgtagatcc 120
 tggagcgatc tgccaatttc caaacagtgg gagctatctt gttagcagtg gttggtgcaa 180
 ctgtggtctg ggcagcctcc ctggtgagcc cagagagtct ctgcaggtaa gcggtataga 240
 aggacctgga ttccatgagc acgggggactc gggagacgga gccattccgg aacagcaggt 300
 agcaagaggg gaagtcggtg acaccaaact ttctcaccac attggcctct gtgttcagca 360
 ccctgcgcac cgccacncct ttgtgctggg a 391

<210> 433
 <211> 420
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 433
 ctgtagcttc tgtgggactt ccaactgctca ggcgtcaggc tcagatagct gctggctgcg 60
 tacttggtgt tgctttgttt ggaggggtgtg gtggtctcca ctcccgctt gacggggctg 120
 ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacttat gagacacacc 180
 agtgtggcct tggtggcttg aagctcctca gaggagggcg ggaacagagt gaccgagggg 240
 gcagccttgg gctgacgtag gacggttagt ttggnccctc cgccgaatgc cgcanttcta 300
 ctgtcccaca cctgacagta atagtcancc tcatcttcgg ctggggctct gctgatggtc 360
 aggggtggccc gtgntccccg agttggagcc agggaatcnc tcagggatcc canagggccn 420

<210> 434
 <211> 239
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

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<400> 434
 ccaaccanga gagaagggat cgcctgggtgc ccaggggcca ccaggagctc caggcccact 60
 tgggattgct gggatcactg gagcacgggg tcttgacagga ccaccaggca tgccagggtcc 120
 taggggaagc cctggccctc aggggtgtcaa gggtgaaagt ggaaaccag gagctaacgg 180
 tctcagtggg gaacgtggnc cccctggacc ccagggtctt cctgggtctgg ctggtnacg 239

<210> 435
 <211> 415
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 435
 ctgtccaatg gcaacaggac cctcactcta ttcaatgtca caagaaatga cgcaagagcc 60
 tatgtatgtg gaatccanaa ctcagtgagt gcaaaccgca gtgaccaggt caccctggat 120
 gtctctctat ggccggacac ccccatcatt tccccccag actcgtctta cctttcgga 180
 gcaaacctca acctctcctg ccaactcggcc tctaaccat ccccnanta ttcttgccgt 240
 atcaatggga taccgcagca acacacacaa gttctnttta tcgccaaaat cagccaaat 300
 aataacggga cctatgcctg tttagggntn taacttgnt actggccgca anaattccat 360
 agtcaagagc atcacagnct ctgcatntgg aacttctcct ggctntcaga cctgn 415

<210> 436
 <211> 152
 <212> DNA
 <213> Homo sapien

<400> 436
 ccaggattga caggccatcc attcacagcc aggagatgct gggccagtc ctccaagagg 60
 tctccgtcat ggcagtgatg aaaacctaac aggggtggccc cctgtgccag ctcagggtgac 120
 tggagcccga gggcctgaca ggttcccagc ag 152

<210> 437
 <211> 174
 <212> DNA
 <213> Homo sapien

<400> 437
 ccagggtactg gcacatcatg ctctggatgg ggggtgggtgt gtcctgtaag cagagaaaca 60
 ggaaattgtc gtagtcagta tcgagcagct gtggcctcgt tcgccaccgt atagttgatc 120
 ttgaacttct ttggattctc agtcttctct ccaaggacct tcttctcaac acag 174

<210> 438
 <211> 485
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(485)

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<400> 438

<210> 439

<211> 317

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (317)$

$\langle 223 \rangle$ n = A, T, C or G

<400> 439

gggccgtctt	cccctccatc	gtggggcgcc	ccaggcacca	gggcagtgat	ggtgggcatg	60
ggtcagaagg	attcctatgt	gggcgcagag	gccagagca	agagaggcat	cctcaccctg	120
aagtacccca	tcgagcacgg	catcgncacc	aactgggacg	acatggagaa	aatctggcac	180
cacaccttct	acaatgagct	gcgtgtggct	ccgaggagc	accccggtgct	gctgaccgag	240
gccccctga	accccaaggc	caaccgcnag	aagatgacct	agatcatggt	tgagaccttc	300
agcaccccag	ccatgta					317

<210> 440

<211> 338

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (338)$

$\langle 223 \rangle$ n = A, T, C or G

<400> 440

ccanaaaagac	ttcccagggga	agatgcttg	ctctctgctc	caaggtgggc	catggtatag	60
ggccctcgaa	gggcttgtgg	ctggggtgat	cccagggggc	attgctcaaa	gtgcacagga	120
ggtggcagca	gggtcaggcg	agttcctgtt	ccaggggacat	caggagggag	ggtagaagcc	180
tagggagtg	gcgaggctgc	tgggatgagg	gagctcaggg	gctaccagct	aaccagcctc	240
agctcaatgg	tttctccatc	cttgggtctg	tagtcagcaa	taccttgcaa	cagtggggtg	300
ttggggtctc	ggagaagctg	ccagaactcc	ctttctcc			338

<210> 441

<211> 505

<212> DNA

<213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 441

ccacacagan	tcaccaagcc	acagacttgt	cttcacaaag	cacgttctta	tcttagccac	60
gaagtgacca	agccacacgt	actaaagggt	gaactcaaag	atatgtacag	ggtattaaac	120
aaataccaag	gggaacagtt	aacttcaata	caaggtcgaa	atcagcaaca	agttctacaa	180
tccagnctg	atatcagata	caagcttcaa	ggacaatttc	ttttcgaagg	cttattccag	240
tttcgngagg	ctagcatgag	gtgtgtgcat	ttgccagggg	caaatttcta	ttctcaatta	300
acccatgcag	caaagtctac	ncatgggtgcn	gagtcggttt	agaagcattt	gcggtggacg	360
atggaggggc	ccgactcgtc	ttactcctgc	ttgctaatac	acnngngctg	gaaggnggac	420
agtgaggcca	cggatggagc	caccnatcca	caccgagtna	ttgcgctctg	ggggtgcgat	480
natnttgatc	ttcatgggtgc	tgggc				505

<210> 442
 <211> 386
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 442

cgccaggtga	tacctccgcc	ggtgacccag	gggctctgag	acacaaggag	tctgcatgtc	60
taagtgttag	acatgtctag	ctttgtggat	acgcggactt	tggtgctgct	tgcagtaacc	120
ttatgcctag	caacatgcca	atctttacaa	gaggaaaccg	taagaaaggg	cccagccgga	180
gatagaggac	cacgtggaga	aaggggtcca	ccaggccccc	caggcagaga	tggtgaagat	240
ggtccacag	gccctcctgg	tccacctggt	cctcctggcc	cccctggtct	cgatgggaac	300
tttgctgctc	agtatgatgg	aaaaggaggg	nggacttggc	cctggaccaa	tgggcttaat	360
gggacctana	ggcccacctg	gtgcag				386

<210> 443
 <211> 404
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 443

cctccctctc	agagcttgcc	ccagggactc	tctggccctc	agggttcaat	gtattctgac	60
caaggccaag	ctttcctggg	gtcaggggaa	aatcacactt	tgctaccgga	agctgtatcc	120
cctcagatgc	caggaaggcc	gtgatcatct	gactccaccc	tcctgagaca	cattctctcc	180
ctgactgtcc	tggttctaagt	cagcggagca	ccttaggatg	gaggggtgga	ggcgaggcca	240
ngatgcagcc	tctgtgaaca	ggtgcctgga	ggctgggaaa	tgaccctgag	agggcaggac	300
acagcnaccg	ngggcttaag	gtgagggngg	agagcaagnt	tggcccaactt	tacaattcta	360
gntcagagcc	anccctaacc	atggngggca	tttattcatt	tcgg		404

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<210> 444
 <211> 318
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

<400> 444
 catgggctat agtgcgctat gttgatctgg tgttcattgct aagttccgca tcaatatngc 60
 gacttcttng gagtggggga ccaccangtt gcctaaggag ggggtgaacct gcctacgttg 120
 gaaatagagc tgggtcaaaac tcctgtgctc atcagtagta gaattgcacc tgtgaatagc 180
 caccgccctc cagcntgggc aacatagcaa gaccctgcct cttaagataa aaattggaaa 240
 acactggtan gaaaaaaagg ctgtttggtc taaanaagtc tggatnnggt ataatgaca 300
 cnaantatc atgactnt 318

<210> 445
 <211> 418
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 445
 ccagtcacaac ctgctcctca ttattgtata aatgagcaga atcaatatgg cggaagccag 60
 cttcaattgc caatttggtg gcctctaaag ctttactttt aggaacctct gcaggcgcat 120
 aggtgccaaa tcccaggaca ggcattgaagt gaccatcatt cagcttcaca cactgatatt 180
 tcgaatccat ttctgtcact agcctggctg gcaaattgtt ctttcttcct ccttcacagg 240
 ctataagagc aatgagctgg caacgccctt gagcacactg tctgctgntt aaccaatggc 300
 atgtgagagg agggacagag gcagctctac acaagctgtg ataaaaattg catncagttc 360
 aaccagtttc ttacnttatt ctaatgngna ggaagtgtgn gaagagcaca aagtcaga 418

<210> 446
 <211> 361
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 446
 ctgtccaatn acaacaggac cctcactcta ctgagtgtca caaggaatga tgtaggaccc 60
 tatgagtgtg gaatccanaa cgaattaant gttgaccaca gcgacccagt catcctgaat 120
 gtcctctatg gccagacga cccacccntt tccccctcat acacctatta ccgtccaggg 180
 gtgaacctca gentctcctg ncatgcagcc tctaaccacac ctgcacagta tccttggtg 240
 attgatggga acntccagna acacnacaca agagctcttt atctccanct tnactganaa 300
 gaacagcgcg actctatncc ttccaggggg ggggggtggg gnntgnggac cttncgggg 360

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c

361

<210> 447
 <211> 321
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(321)
 <223> n = A,T,C or G

<400> 447
 ccagganant ggttccccaaggggacctc acccgccccg agctctggag ccgctgacgc 60
 tcgcatccag gacatttgag atgggaatcc aaataggcta cttgnaaaag acgtgctgca 120
 ngcagccctg gagagactca tggagttcat tgtacattac tccatctacc gaggcagcgc 180
 atggcatgac tnaacggctt gnaacaaaca canaaattac caccacaaac attcaggaac 240
 caaatataat ctgctatggc cacaccacag acaatgcagg aagaggcttt ttattgctng 300
 ngtgngtttt caaatcatgt t 321

<210> 448
 <211> 325
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 448
 ccagcttcaa ctttttagta tagaagatac aggatcacaa aaaggagact acgctttgca 60
 aacatagcat caaaattcaa cttttctctt tgcagtttat ccatggngtc agcatacctt 120
 gcaagggaag ctacttacat caaataactt ttctatatac atttcctcat tgaccttttc 180
 tcaaagaata tcttggtttt gccgaacaaa cataatatag gngtctgcca gatccattcc 240
 tggtttctgt ngtgaaggaa aagcaggggg aacaaaataa tatcagggtc tcaatngtga 300
 nattattatt taatcatacc ctgan 325

<210> 449
 <211> 123
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 449
 cattaatntt ggaagcgatg gtgtggatta catcagtgtt agggcatggt gtggatatta 60
 ttacattann attggaagcg atggtgtgga ttacatcagt gatagggcac ggtgtggata 120
 tta 123

<210> 450

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<211> 328
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 450

ctggcaattt	tgagctgccg	gttatacacc	aaaatgttct	gttcagtacc	tagctctgct	60
cttttatatt	gctttaaatt	tttaaagaaa	ttatattgca	tggatgtggt	tatttgtgca	120
tattttttta	caatgcccaa	tctgtatgaa	taatgtaaac	ttcgattttt	ttttaaaaaa	180
attagatttt	agctggagct	tttgactaat	gtaaagtaaa	tgccaaaacta	ccgacttgat	240
ngggatgttt	ttgtaangtt	aattttctaa	gactttttca	catccaaagt	gatgctttgc	300
tttgggtttt	aactgtttca	acntnggn				328

<210> 451
 <211> 209
 <212> DNA
 <213> Homo sapien

<400> 451

ctgccttggt	tcaacagaca	tgcaaagatc	ctaggagaca	gtcccatag	accttcagac	60
attaaaaagg	gagccgtaca	gtttgtttga	agcacttcgt	cttaccatt	tatgcagggg	120
ccccaggaaa	cttacacaca	gccagaatga	ggttcccaaa	ggacttacat	taattatggc	180
tcttgcttcc	tttcacaaat	gagctgagg				209

<210> 452
 <211> 457
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 452

ctgtctantc	ccttcaagag	ctgtttatag	aagcttgaga	atggggtaaa	aattttctgct	60
agcaaaatca	agttcttttt	gaaattttat	cagtaatcca	gaatttagta	gtccatgcct	120
tctcactcag	catttagaaa	taaaaatgtg	gtttcttaaa	cgtatatcct	ttcatgtata	180
tttccacatt	tttgtgcttg	gatataagat	gtatttcttg	tagtgaagtt	gttttgtaat	240
ctactttgta	tacattctaa	ttatattatt	tttctatgta	ttttaaatgn	atatggctgt	300
ttaatctttg	aagcattttg	ggcttaagat	tgccagcacc	acacatcaga	tgagtcatt	360
gttgctatca	gtgtggaatc	tgatagagtc	tngactccgg	ccacttgagag	ttgtgnactc	420
caaagctaag	gacagtgatg	aggaagatgg	catgtgg			457

<210> 453
 <211> 277
 <212> DNA
 <213> Homo sapien

<400> 453

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ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt      60
agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct      120
atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg      180
gcatacagga ctaggaagca gataaggaaa atgactacga gggcgtgatc atgaaagggtg      240
ataagctctt ctatgatagg ggaagtagcg tcttgta                                277

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<210> 454
<211> 198
<212> DNA
<213> Homo sapien

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<400> 454
gttaaaagat agtaggggga tgatgctaata aatcaggctg tgggtggttg tgttgattca      60
aattatgtgt tttttggaga gtcatgtcag tggtagtaata ataattggtg ggacgattag      120
tttttagcatt ggagtaggtt taggttatgt acgtagtcta ggccatatgt gttggagatt      180
gagactagta gggctagg                                198

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<210> 455
<211> 608
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

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<400> 455
ctgagcaagc taaggaccag gggcaactag accctaataa tngngtacttt tgaaaatgat      60
acaaactacc ttggttgtaa gaagtgcagg ttgaacactt taggagaaca gtcttcaaac      120
tggcaattca aaatttccca ttatatgtga ataaaatttg aaggatgtta aatgtccatg      180
gaaagttaact cttgtaagtt aggatgcctt atactgaggc tttanaatga aagtacactt      240
cacaaatgga atagtgaaca taaattacca gaagtcaaga taatagtcac actagtaagg      300
taagcaagggt aaattccctt atacacaaaa attattttga tgaccttttt caataatgaa      360
tctgaaatga agtgttttaa aaagctccct aaacacaaaa cgaacataaa actgcttaat      420
aacttttagag ctcatgtaat attcttgctg aaaacagtta ctgaaattac cagcgaaatg      480
atggaatatac tttaaagcag gncactcngt ataatctgga ataatttcac ttgctaactt      540
ttaagaagta ttctctggac tataaatcnt gggcaaatag acttccactt tattattacc      600
ccaaatta                                608

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<210> 456
<211> 467
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

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```

<400> 456
cctggacctg tgtaaactct caaacactct tttttacatt aggtcgtgaa gttaaatttt      60
ttactgtttc tgtgctacag actcttcaaa gggaaatagt taagtcaatt tcaaagaaaa      120
tgaccagcac atttttaaaa cattagaaat gatttgactt tgactatcta ctgccaaaaa      180

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aagggttaagg aatttgtaat gagaagctaa aaactttaag gaattttaag gaactcaaaa 240
 caaaaactca ttaaagttaa ttaaagttaa ttctacaaat aaagcctctt aatacatctt 300
 tataatagtc acttaagact taaattcaaa cactagcaaa ccacaaaatc agactgtntg 360
 actgacatcc aaaagataaa tataaatcaa aatccgaccc cagcattagc caaggggtag 420
 gtgttcctct tgaggaaggc aggaattcct cttctgccac ctgttg 467

<210> 457
 <211> 183
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 457
 ccaaattttn tacttttaac actgaaaaca gaggaagtta ataaaaattt taacctataa 60
 agtcccctgg ttgttagtca ttaacagcag attgtcagat aagactggta aaatgatggc 120
 tgctaagcat ttgatgatcc aggcgcagga tgatcaaact gcagcagatc atgcacgtga 180
 cag 183

<210> 458
 <211> 445
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 458
 gaaaaatata aagccaaaaa ttggataaaa tagcactgaa aaaatgagga aattattggt 60
 aaccaattta ttttaaaagc ccatcaattt aatttctggt ggtgcagaag ttagaaggta 120
 aagcttgaga agatgagggg gtttacgtag accagaacca atttagaaga atacttgaag 180
 ctagaagggg aagttggtta aaaatcacat caaaaagcta ctaaaaggac tgggtgaatt 240
 taaaaaaaac taaggcagaa ggtttttgga agagttagaa gaatttgga ggccttaaat 300
 atagtagctt agtttgaaaa atgngaagga ctttcgtaac ggaagtaatt caagatcaag 360
 agtaattacc ancttaatgt ttttggcntt ggactntgag ttaagattat tttttaaatc 420
 ctgaggacta ncattaatgg gacag 445

<210> 459
 <211> 426
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 459
 cctatgatan cttctctagc taticatact caatcagcaa aaaatgagaa aatgttgaga 60

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aatagaagat aattcctcat ttaaggccac cttctagaat ttgtgcttaa gattctgctt 120
tcttctcatg ggccagcact tcggcaactg gcaaaaatta ggtgtacagg gatctaggta 180
atactgttta tttgagcaat aatatattgt gctaacgttc aggcataccta ttactgagaa 240
ataagggaaa atgagtgtaa agtacaacta agagtctcgg cgacagggaa aaataccatc 300
agttaaatat ccatagtctt agagcattta tgtaaaactg caatntgaat cctgcaatac 360
atnttggtt tttccctcag tgataccatg tgagggaagn ngctctgtca aggcggggccg 420
gataga 426

<210> 460
<211> 348
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 460
ccaaatttta aaatgttatt tttcatatca tttataacct tgtcacaatc cacttaaaga 60
agtttggtta tatttcactg aaaattttct tccagagtag gttttttttc gtgggttggg 120
gggtaacttt actacaatta gtaagtntgg tgcagaattt catgcaaatg aggagtgcag 180
cagngtgata atttaaakat atntaaacaa aaacaaaaaa aatgaatgca caaacttgct 240
gctgcttaga tcaactgcagc ttctaggacc cggtttcttt tactgatnta aaancaaaac 300
aaaaaaanta annacnttgt gcctgaaatg aanccttgtt tttntna 348

<210> 461
<211> 378
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

<400> 461
ccactaagac agaacggaat ctagtagaag tgcaccaatg cttcagtccc tctactcag 60
catggtgagc agtggatcaat ctgtgccctg tggaatgatg ggcagataat tctggcatgt 120
gtaaataata ataaataatt cacttggtgc aggcagtatg tctatgaatt aaaacctagt 180
gtgtacacag tgcctacatg tgttacagcc ccacagtagg aatctacacc aaaatattta 240
ttagaaggaa tttggtccgt actacatcac gctttccgga gggtaaaaaa taaagtccat 300
ctatagacat ttcaccacag acccagagac tgagtctggc taaaacctgc aaatgtcta 360
taacaaaagn ggatggct 378

<210> 462
<211> 197
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(197)
<223> n = A,T,C or G

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<210> 463
<211> 279
<212> DNA
<213> Homo sapien
```

<400>	463					
cataagtgat	gangaggnaa	aatcantnaa	taagcctaca	acntagaata	cattaaaact	60
tgcacatata	catgttcaca	gcatgtatac	aatgataatc	cctacggttt	aaccaagtta	120
tggttccctt	ctacagcaga	cacaaaacca	aggtgaacta	ggtnggcaga	tgtanaggga	180
ataccaaaaa	aagggtaatn	ngntcactga	ttctgaagna	tntgactgan	catactgagc	240
ttctgnactt	tgggaatgca	tnnaggnaac	aatatcttg			279

```
<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G
```

```
<210> 465
<211> 444
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(444)
```

```
cagtgggtct ctgatgcctt gcctgcagca gaaggagga gcagagatca agaggaagga      60
aaaaatcata tgtacttatt tgaaggtaaa gattattcta aagagcccag taaggaagac      120
agaaaatcat ttgaacaact ggtaaaccct cagaaaaccc ttttgagaa agctaqtcaa      180
```

gagggccgat cactccgaaa taaaggcagt gttctcatcc cagg

224

<210> 469
 <211> 416
 <212> DNA
 <213> Homo sapien

<400> 469

ctgagttcta	gttcaaaagc	tttatcctta	acttcgtcat	gtactatgta	aattctagaa	60
tagaaaaggg	aaaggtaaga	ttttggtaac	ctccaaacat	tgaagtagtt	cacagaccca	120
aagtcagtac	aaattagaat	gtccatccat	aataaaaagta	tctataaaat	tacacagaca	180
cattctacat	agtatttaac	attagagaag	acaaattaca	cagggactga	aataaaatga	240
aacatctact	ctcccgacaa	atgttgaata	tacctaata	acccaagtgc	agttttatttt	300
tgcacattgc	tttagagata	taacttggct	gggcacagt	gctcacacct	gtaatcccaa	360
cactttggga	gaccaaggcg	gatggatcac	ttgaggtcag	ttcgagacta	gcctgg	416

<210> 470
 <211> 376
 <212> DNA
 <213> Homo sapien

<400> 470

caccttttaa	ctgtatcaca	aagtctgttg	ctgtggttac	agcctttggt	tccagtgatg	60
ttttgtccat	gctttcccc	aacccttaac	aatggttact	caaaagaatg	aaataatgag	120
tcattcattc	gggaatatgt	taaaatatcc	ctctttatca	ttacatttca	ctgcttagaa	180
actaggctgt	aattcaaggc	aacagttaag	tctgagaact	gttaaaaaaa	tctttgattt	240
tttttcattt	ttaagaaaaa	cctgcctatt	taattgttca	gacttgtaag	aggttcttca	300
attacatcct	ttttggttaa	tgtattattt	ctggaacaag	tagataaaat	tctacgcagt	360
aagcataata	aaaatc					376

<210> 471
 <211> 357
 <212> DNA
 <213> Homo sapien

<400> 471

ggcttcgtat	aatggttctt	ttgtcacccc	tgatcgacga	tttcgctacc	cgtacaactc	60
tgacaaggga	acgaaatgct	tctgtgtatt	cacctagtgg	tctgtgaac	agaagaacaa	120
caactccacc	ggatagtggg	gtactgtttg	aagggttagg	catttcaaca	agacctagag	180
atgttgaaat	tcctcagttt	atgagacaga	ttgcagtaag	gaggccaact	acggcagatg	240
aaagatcttt	gcggaaaatt	caagaacaag	atattattaa	ttttagacga	actctttacc	300
gtgctggtgc	tcgagttaga	aatattgaag	atgggtggccg	ctacagggat	atttcag	357

<210> 472
 <211> 557
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 472

TCF050"92964860

```

cngagatgac atttacaatc tcttgaaang cagcagatgg cactctggtg cttcctatga      60
agcaacatgc ttgaaatcaa gggccaacaa ttgtttagg aaagcaaaat atacctctaa      120
cacctacgtt taccaaaaaa gctgacatct caaactctga gttgttgaga ctcaaatttc      180
tcatccccaagaa agaagcctat tacggtagtg tgntggatgc tttttgtatc tctgataggc      240
aggcactata atgggggggaa atacttctga ataaaaacat tggctgtctt gcaactgtgc      300
atataatgtc tattcaaggg ggcagtgtgc ctagcatgat cctgaaatgt tgagataaaa      360
ggaagttggc attaaagcac tatttgtctt atatgaaaag agtgactcta tcttccagta      420
aacaagantt cctgcaatga aaaagaaatt ttttccttca ttatctataa actatacaaa      480
ataaccttcc tttttaacct aagactcaaa cattnatatt tgattttatt ctatttgata      540
ccaattggta tgtccag                                     557

```

```

<210> 473
<211> 264
<212> DNA
<213> Homo sapien

```

```

<400> 473
cctccatcaa cagaaaggat aaagaccctc tcgggtctcc tcattaattc tgaactggaa      60
aagccccaga aagtccggaa agacaaggaa ggaacacctc cacttacaaa agaagataag      120
acagttgtca gacaaagccc tcgaaggatt aagccagtta ggattattcc ttcttcaaaa      180
aggacagatg caaccattgc taagcaactc ttacagaggg caaaaaaggg ggctcaaaag      240
aaaattgaaa aagaagcagc tcag                                     264

```

```

<210> 474
<211> 165
<212> DNA
<213> Homo sapien

```

```

<400> 474
aattcagctt ccagaggccc ttattagtcc ttgttgacag aaacatagat ttggcaactc      60
ctttacatca tacttggaac tatcaagcat tgggtgcacga tgtactggat ttccatttaa      120
acagggttaa tttggaagaa tcttcaggag tggaaaactc tccag                                     165

```

```

<210> 475
<211> 417
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

```

```

<400> 475
aagttctctt cttgttttaa acacattcct gataacttct aaagatgacc aaaataaaac      60
agaatatcta cagagatcat tttctgaatt ttttgtacat ccaaggataa caacataaaa      120
aaaataaaac tggacagcat tccacatcca agtgcacaga accatttttg caagattaaa      180
taatgtaaac attgggaaca gccaaatcag cgaagaatgc caacacctca aaacacctgg      240
tggtgccgct tcattaagtg gttcaaaatc cagatctata attgcgcaat attcaccgta      300
tataaaaaga aatggatatt aattttgaca aatagctgca actgagactt ctttttattt      360
ctttatatgn gnatatagtg aatttttatt atttttaaaa ttttatttat tttttta      417

```

```

<210> 476
<211> 321

```

J03050.92964850

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 476

catttaataa	caaaaacaac	ctgtacggaa	aaccnaagg	caaccacata	gcatatgtaa	60
aatgtgcaaa	tacactttta	aatgcangtt	attctatagc	anttgaaga	tagaatttca	120
ctgtaattag	ggaatctagc	tcatcctaac	ttaatagnct	tttgcattgn	tagacaatgc	180
aattctacaa	ggnaacnactc	agcgttgatg	ctaaagtatg	aaacacatcc	tcagattatt	240
catccgaaaa	tattaaaata	gcntcatggt	ttattattct	ttaatgagtc	ntgagctcat	300
ttctaaagct	tcataaagca	t				321

<210> 477
<211> 546
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 477

gctgtggtta	tattgtaaat	gaagcatcta	acatgtgcac	aacttgcaac	aaaaactcct	60
tggactttta	atctgtcttt	ctcagtttcc	atgtgctgat	tgatctgact	gatcacacag	120
gcacccttca	ttcctgtagt	ctcacaggaa	gtgttgctga	ggagactttg	ggctgcacgg	180
tacatgagtt	tcttgcaatg	acaaatgaac	agaaaacagc	attaaagtgg	caattcctct	240
tggaagaag	caaaatttat	ttaaaattcg	ttctatcaca	cagagcaagg	agtggattga	300
aaattagtgt	actctcgtgc	aagcttgcag	atcctactga	ggcaagcaga	aacttgtctg	360
gacaaagaca	tgtttaaacc	ggtctatcat	tttgaactct	ggaaaagtat	aagagtttta	420
actcccttta	aaatggaata	ttaatttgaa	aattatgggg	aaaattgcat	tttgtttaca	480
tgtggtgaac	atgtttctag	aaattgggtat	ggcggaagg	gggctgggtg	agtctgaagg	540
acctcn						546

<210> 478
<211> 100
<212> DNA
<213> Homo sapien

<400> 478

aagaaaagtg	gtaaaatcaa	gtcttcttac	aagagggagt	gtataaacct	tggttgatgat	60
gttgactttg	attttgctgg	acctgcaatc	catggttcag			100

<210> 479
<211> 508
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature

0594966.050701

<222> (1)...(508)

<223> n = A,T,C or G

<400> 479

gnnttccaaa	ttcttctaac	tcttccaaaa	gccttctgcc	ttagtttttt	ttaaattaca	60
ccagtccttt	tagtagcttt	ttgatgtgat	ttttaaccaa	cttccccttc	tagcttcaag	120
tattcttcta	aattggtoct	ggtctacgta	aacaccctca	tcttctcaag	ctttaccttc	180
taactttctgc	accaccagaa	attaaattga	tgggctttta	aaataaattg	gttaccaata	240
atttctcat	tttttcagtg	ctattttctc	caatttttgg	ctttatattt	ttctatcttc	300
tatacttctc	caatacttgt	cttagcttgt	ttttcatttt	ctatctgaaa	ctcttgacaa	360
tatcttctaa	tttccctatc	ttctctatct	ttttcttcgc	cttcccgtac	ttctgcttcc	420
agntttccac	ttcaaacttc	tatcttctcc	aaattgttca	tcctaccact	ccaataatc	480
tttccatttt	cgtgtagcac	ctggncag				508

<210> 480

<211> 81

<212> DNA

<213> Homo sapien

<400> 480

ggtgcccttt	tcctaacact	cacaacaaaa	ctaactaata	ctaacatctc	agacgctcag	60
gaaatagata	aggaaaatga	c				81

<210> 481

<211> 306

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 481

tcgccttcgg	ccgccgggca	ggttaggggn	acaagacgt	acttccccta	tcatagaaga	60
gcttatcacc	tttcatgata	acgcctcat	agtcattttc	cttatctgct	tcctagtcct	120
gtatgccctt	ttcctaacac	tcacaacaaa	actaactaat	actaacatct	cagacgtca	180
gggaatagaa	accgtctgaa	ctatcctgcc	cgccatcctc	ctagtctctc	tcgccctccc	240
atccctacgc	atcctttaca	taacagacga	ggtcaacgat	ccctccctta	ccatcaaata	300
aattgg						306

<210> 482

<211> 582

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(582)

<223> n = A,T,C or G

<400> 482

ggggggaaca	gtcattatac	attatttaga	ctcattcctt	cttccagtgc	ccttatgatt	60
atttcttacc	tttaccattg	atcttaaact	gngcaggcta	aaaagaggaa	ccagaactcc	120

0984966.050301

cttaagcact tttaagacta tttaaaaaat aaagntttgt tggcattgaa gagtaagctg 180
 cttaagggac tgaatgaaaa gatagtaccc tttgtggctg tatgaagaga gaaactgaat 240
 ttctatccaa gagaccttaa tntagcctat tagggaatta tcttcccaa aagtacaagt 300
 aattttgcac tgcaggagaa ggataagtag atttgattta catcacattt tatacacacc 360
 tttcaagang gagaaatctg cttcataaat agnaggaatc tatgcttaaa ctnaacattt 420
 aatggtgaacn tcttacaaca gccttgaaaa nnattggaan tcngacntga nggnggaaac 480
 tggaanaaag aatatctttc tcttctgcat cctttnatcc tcaaacttag catggattca 540
 cacgctgagg aaangttngg tnacnaccng aacatttaga ta 582

<210> 483
 <211> 275
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 483
 gcctcactaa aataacagat ttcagtatag ccaagttcat cagaaagacc caaatggaat 60
 gattttacaaa atagaacact ttaaaccagg tcagtcctat cttttttag ctgaaggcta 120
 tcagtcataa cacaatttcg cgtaacacct tgcattat ggaattacac ttaaaacgaa 180
 tctcaagagg gtgaccattg ttgtttcaga taccatccct aaggagagtg gttacagga 240
 agattgccag ngttactgat ggaaagaagc gcttg 275

<210> 484
 <211> 434
 <212> DNA
 <213> Homo sapien

<400> 484
 catatttcca caggccaatt tctttctggt tttctgctaa gctatttcag catttttagct 60
 tttcctcttt gctttgttta ctcatgattg ccagatggct acgttacctc taagcatcag 120
 atcctcacia attaatgggt aaatgtaagg gagggatttt actctcttgc attaaaaaaa 180
 agctttattg agatataatt tactgtaaca ttgactcatt taaagtatgc tagtcaatag 240
 accaaatctt gaataaactc ccattcacia ttgctacaaa gggaataaaa tagctgggaa 300
 tatagctaac aagggaagtg aagggcctct tcaaggagaa ctacaaacca ctgctcaaga 360
 aataagagag gatacaaaca aatggaaaaa cattccatgc tcatgaatag gaagaatcaa 420
 tatcgtgaaa atgg 434

<210> 485
 <211> 291
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 485
 ncaccactgc agccctacat acagttgaaa aaaaattcca ttctgttaac atttgtttta 60
 taagttttca cgcaatacac aaaaaacccc tctgcacttc ttgtaaagaa caaaaaagat 120

0949526.050301

acacaacagt taagcgtaaa gatcacaggc aatagcattc aaacatggat gtgggtagag 180
 aaaggagtac ctggcatgag tacctgctta gtttgactga atccttgatt ttttaatttg 240
 cttttcatgg gccgctcaca acaccaacgc tgtgtgaggt atggtagtca g 291

<210> 486
 <211> 274
 <212> DNA
 <213> Homo sapien

<400> 486
 ctgtaatat gtagttgctc cagaatgtca agggcagctt acggagatgt cactggagca 60
 gcacgctcag agacagtga ctagcatttg aatacacaag tccaagtcta ctgtgttgct 120
 aggggtgcag aaccggtttc tttgtatgag agagggtcaaa ggggttggtt cctgggagaa 180
 attagttttg cattaaagta ggagtagtgc atgttttctt ctgttatccc cctgattgtt 240
 ctgtaactag ttgctctcat ttttaatttca ctgg 274

<210> 487
 <211> 184
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 487
 tggcaccaag attctcagct cacggtacca gcatctgatt gtcggactac ctgctgcttt 60
 ccctgatatt tatacatgat attcgnaaaa tgtaaagaag ctattattca tacagacatc 120
 tagagaagga gngaagnttt taaaaaaata aaaaaatact tatttcaagc ttagctgtg 180
 ttct 184

<210> 488
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 488
 ctgcattttt attgcgatct gcagatgaac tggaaaatct cattttacaa cagaactggg 60
 acagacgacc accatattca ctgaggtcta aatttgcagt ttccactaat gacattttga 120
 tttccaaca gagatacttc tggctcttact gcacagtctt ttaagagaaa tacttccatt 180
 atgccacatt gtccttgatc cgtaagtgat gtgttaaggt gcttcaaagg aactctgacc 240
 tctgaagtac ttgagctact ttagtatgtc cagcctattg ctttttggtt tagtgtgtca 300
 ccataaatat caggggcata aaaggctatc tattcttaat tcaaggataa aacagaagaa 360
 gcttggtgta taaaacaata gttcaagatc cag 393

<210> 489
 <211> 607
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(607)

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<223> n = A,T,C or G

<400> 489

gtgcttatgt	acttaagggg	aactactcta	actgggtgaa	gagtangatg	aagcatccat	60
gtccctacaa	aggatatgaa	ctcatccttt	tttatggctg	catagtattc	catgggtgat	120
atatgccaca	ttttcttaat	ccagttctatc	atcgatggat	atgtgggttg	gttccaagtc	180
tttgctattg	tgaatagtgt	cgcaatgaac	atacatgtgc	atgtgtcttt	atagcagcat	240
gatttataat	cctttgggta	tatacccagn	aatgggatag	ctgggtcaaa	tgggtatttct	300
agttctagat	ccttgtggaa	ttgccacact	gtcttcacac	atgggtgaac	tagtttacag	360
tcccaccaac	agtgtaaaag	tggtcctatt	tctccacatc	atctccagca	cctgttgggt	420
cctgactttt	taatgattgn	cattccaact	gggtgtgagat	ggtatatcac	cgtgggtttg	480
atgtgcattt	ccctgatggc	cagtgatgat	gaacnttttt	tcatgtgggt	tttggctgca	540
taaatggcct	gccttttnta	cttctataaa	atttttcann	tcttattatt	attcctgggg	600
gnntaag						607

<210> 490

<211> 179

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 490

cttctaggaa	tactagtata	tcgctcacac	ctcatatcct	ccctactatg	cctagaagga	60
ataatactat	cactgntcat	tatagctact	cccataaccc	tnaacaccca	ctccctctta	120
gccaatattg	ngcctattgc	catactagtc	tttgccgcct	gcgaagcanc	ggtaggacc	179

<210> 491

<211> 399

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(399)

<223> n = A,T,C or G

<400> 491

cctctacctg	taatcacatt	aatttttcta	aagacagggg	nggtgttttg	aagataaatg	60
tcattagtct	atgataatag	catcatagga	caattagcca	tttttagactt	gaccatattt	120
tctcttttta	gcatatagcc	atcttgatat	ttaggnggga	gactactcca	atggagcaac	180
agtttcattt	tacatgattg	gatttagaaa	tttaciaaatt	ttaaactcat	aagaattcta	240
aataatttga	aaatggaaac	atttgaccca	cagtctagca	gcataaatac	atttataaaa	300
tacttcattg	ttgatcttag	gtcattgatt	taaaacagaa	tttggtgact	atgggcaggt	360
ggagggggcc	ngtgaggaag	gtataaaaga	gaaatcttt			399

<210> 492

<211> 482

<212> DNA

<213> Homo sapien

050301 050301 050301

<220>
 <221> misc_feature
 <222> (1)...(482)
 <223> n = A,T,C or G

<400> 492
 ctccacctta ctaccagaca gccttagcca aaccatttnc ccaaataaag tataggcgat 60
 agaaattgaa acctggcgca atagatatag taccgcaagg gaaagatgaa aaattataac 120
 caagcataat atagcaagga ctaacccta taccttctgc ataatgaatt aactagaaat 180
 aactttgcaa ggggagccaa agctaagacc cccgaaacca gacgagctac ctaagaacag 240
 ctaaaagagc acaccgtct atgtagcaaa atagtgggaa gatttatagg tagaggcgac 300
 aaacctaccg agcctggtga tagctggttg tccaagatag aatcttagtt caactttaaa 360
 tttgccaca gaacctcta aatccccttg taaatttaac tgtagtcca aagaggaaca 420
 gctctttgga cactaggaaa aaaccttgta gagagagtaa aaaatttaac acccatagta 480
 gg 482

<210> 493
 <211> 207
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

<400> 493
 cataaatatt atactagcat ttaccatctc acttngngga atgctagtat atcgctcaca 60
 cctcatatcc tcctactat gcctagaagg aataatacta tcactgttca ttatagctac 120
 tctcataacc ctcaacacc actccctctt agccaatatt gtgcctattg ccatactagt 180
 ctttgccgcc tgcgaagcag cggtagg 207

<210> 494
 <211> 283
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 494
 ccaattgatt tgatggtaag ggagggatcg ttgacctngt ctgttatgta aaggatgcgt 60
 agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
 atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
 gcatacagga ctaggaagca gataaggaaa atgactatga gggcgtgatc atgaaagggtg 240
 ataagctctt ctatgatagg ggaagtagcg tctttagac cta 283

<210> 495
 <211> 590
 <212> DNA
 <213> Homo sapien

09496-050301

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 495
 tatgtatata attttcttag ttactagcat agagaaatta ctgattttaa aaaacatttc 60
 aaattctagc atgtttagg attctattgc cctttctaaa aagtacatct tgcttatccg 120
 atttctaaca aaactattta atttgaagaa gggagaatga atttggataa aaagcaaaaa 180
 tttaaaggta ctcaaattta ggcaaaccat taaagcaatc ttagtttaca gttaattggg 240
 tagaatggtc aacactttct tcaggtagt tcatggagtg gatatgcatt gatagaacaa 300
 cttagagatg cttttacagt tgagaaagct cattatattt gttatcttta agaatcagct 360
 tatttatttc atatgtttgt tctttaagaa gaccaaagag ccctgcaaat gaatgttgat 420
 ttgttttttt gtttgtttta tatttttcta gagataagat ctcactttgt tatgttgccc 480
 aggctgggtc caaactctca acttgaagtg atctgccac ctcagcctcc caaagtgggt 540
 ggattacagg catgagccac cgcacctgga cctgcccggg cggncgctcg 590

<210> 496
 <211> 307
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 496
 ggagattagt atagagaggn anacnttttt tcgngatatt tggtcacatg gataagtggc 60
 gctggccttg catgattgtg aggggtagga gccaggtagt tagtattagg aggggggng 120
 ttagggggtc tgaggagaag gttggggaac agctnaatag gttgttngnt gatttggnta 180
 aaaaacanta ggggatgat nctaataatt antgctgtgg gtggttgtgn tgattcaaat 240
 tatngccttt ttcggagann catgtcangt ggtagtaaat ataattgttg ggaccattan 300
 ttcttan 307

<210> 497
 <211> 216
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

<400> 497
 cattttcctc ttggtttctt cagttaagtc aaanngncac gttcctcttt ccccatatat 60
 tcatatatatt ttgctcgta gtgtatttct tgagctgttt tcatgttggt tatttctgt 120
 ctngaaatg gtgttttttt ttgttgtgn tggttttttt tttttttttt aaactnggna 180
 ccncnaantt gaaaaaatgn ttntttttcc ctnaca 216

<210> 498
 <211> 375
 <212> DNA

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<223> n = A, T, C or G

gaatttcctg	gcaccttttc	tcgctagaga	agattnnngtg	tgactggggtt	gcctataaagc	60
catatagata	caaactttta	tctctaatac	caagtcttag	agggatatat	taatagatct	120
aataaaattta	ttcttagact	tattgtttca	tgggntagtg	agtctttgct	actggagaca	180
atacagactt	gtcagttttt	ttaaaaaaaa	aaaatttgcc	aagctancac	attaaaaana	240
tntcctaagg	ctntcatttt	atgaggatga	ttataaacnt	ttntgngata	aatatacca	300
taataaaactg	ttaagtacaa	ctgcnggccc	cccttanagn	gaattcctnc	agttanaaat	360
ttattttttt	gccaa					375

<213> Homo sapien

<223> n = A, T, C or G

ccacnaaagc	agaagcttaa	agcatagtag	taaagaggnn	aaaaagaagc	acgaaaataa	60
atcagatgac	aaggatggta	aagaagttga	cagtagtcat	gaaaaggcca	gaggtaatag	120
ttcactcatg	gaaaagaaat	taagtagaag	gttgtgcgaa	aatcggagag	gaagcttgtc	180
acaaaaaaaa	aaaaaaaaaa	aaaaaaaaat	gtttt			215

<213> Homo sapien

$\langle 223 \rangle$ n = A, T, C. or G

ccactacgat	aagcaggtag	ctgggttttg	tagtgagntt	gctccttaag	ttacaggaac	60
tctccttata	atagacactt	cattttccta	gtccatccct	catgaaaaat	gactgaccac	120
tgctgggcag	caggagggat	gatgaccaac	taattcccaa	acccagctct	cattggtacc	180
agccttgggg	aaccacctac	acttgagcca	caattgggtt	tgaagtgc	ttacaaggnt	240
tgtctacttt	cagttcttta	ctttttacat	gctgacacat	acatacactg	cctaaataga	300
tctctttcag	aaacaatcct	cagataacgc	atagcaaaat	ggagatggag	acatgatttc	360
tcatgcaaca	gcttctctaa	ttatacctta	gaaatgttct	cctttttatc	atcaaactcg	420
ctcaagaag	gctttttata	gtagaataat	atcagtggat	gaaaacagct	taacatttta	480
ccatgctta						489

<210> 501

<211> 286
 <212> DNA
 <213> Homo sapien

<400> 501
 aaaaacactc aaacacagcc ttggagggag gagtcagttt taaaagactc ttataaaagt 60
 aatatactgc tagctctgaa gaatcggagg ctaaaatcat ctcttcaagt cccaggggaa 120
 tcccaaagaa ctccagggga aggtgggatg ggccagagag ctctggaagc ttccaggtct 180
 gttgcaagcc tcacctggtg cacagtaggc tcttccaggt ctgtcaggaa cccaggagcc 240
 tcccctagca cacagtaggc tcacaaaaag ggagcactgc tgctgg 286

<210> 502
 <211> 168
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(168)
 <223> n = A,T,C or G

<400> 502
 cctatgattg tgggggcaat gaatgaagcg aacagagntt cgttcatttt ggttctcaga 60
 gtttggtata attttttatt tttatgggct ttggtgaggg aggtaagtgg tagtttgtgt 120
 ttaatatatt tagttgggtg atgaggaata gtgtaaggag tatggggg 168

<210> 503
 <211> 173
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(173)
 <223> n = A,T,C or G

<400> 503
 cctttataat aaattaggca aaaggttcag tgcnnnggcta tantggacaa catgaaactc 60
 cataaaaatg actggatagg gggactgctt gagacttttc ttttgggcat tactaacaga 120
 attcaaagaa attccaacca cgcttatttt tccaaattct actgaaatga gag 173

<210> 504
 <211> 310
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

<400> 504
 tagtattcta tttaaaaatt aagttttggg gtctgtaaaa tatacaggac aatgactttt 60
 ttaaaatgta agttaatacc tcctcctcac ttgtcttaat tgaacttagg tgtttattct 120

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taaaggngga ccttgatgaa aatgttgaga tgggaagtgt tattaggcaa aacttgttat 180
 agatttctca tataactctt aattgacct tagaatttta acaaccgcgc ctggcccaat 240
 agactgtttt ttagagtant tttaggctct cancaaaatt gaggggaaaa tacagggtgt 300
 tccccataaa 310

<210> 505
 <211> 530
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 505
 cctcagggaa cttacaatta tggcaaaagg ggaaggggaa gcaagcacct tcttcacaag 60
 gcatcaggag agagagagaa agagagtagg ggaaactacc ccttttaaac catcatatcc 120
 tgtgagaact ccctcagtat tagaagagca tgagggaaac cgcctccata atccaatcac 180
 ctcccaccag gaccatccct caatacatgg gggttacaat tcaagatgag gttcgggtgg 240
 ggatacagat ttaaaccata tcagaatggg taatgatatt gttgtatttt accaactata 300
 atcttcttag tggttatagta caataatgta aaaaattgag taaatttggt ttctatatta 360
 ttctgttttt ggaaaacatg tatatagtca gggctgtttg tctcaagaaa atatggtaaa 420
 ctctgtgtgt ttggtcactg gtgcctagaa tttggggatg tacattgggt ttgattcaca 480
 tgcacatttc cttctagtgc acagtaacta tttctaacta tttcccnata 530

<210> 506
 <211> 352
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 506
 cttgaacgct ttcttaattg gtggctgctt ttaggcggta ctatgggtgn taaatttttt 60
 actctctcta caaggttttt tcttagtgct caaagagctg ttctcttttg gactaacagt 120
 taaatttaca aggggattta gaggggtctg tgggcaaatt taaagttgaa ctaanattct 180
 atcttgaca accagctatc accaggctcg gtaggtttgt cgcctctacc tataaatctt 240
 ccactattt tgctacatag acgggtgtgc tcttttagct gttcttaggt agctcgtctg 300
 gtttcggggg tcttagcttt ggctctcctt gcaaanntat ttctagttaa tt 352

<210> 507
 <211> 370
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

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<400> 507

cctaactaga	tcttatcaga	atagggggga	agggngtcgg	ttcatcotta	ttgagtgtta	60
atgaccctgt	aagatgtaat	ttcttttatt	tcatttctgt	acctagaaaa	tctatcacag	120
ccttgtagta	ttgattgctc	aatctataaa	gagctcagtt	tacagcatga	ctgttagtaa	180
cagggntatt	ttaatgagtg	actcttcaac	acctcagagt	ttcactaaat	tccaacccat	240
cagcccagta	gtctaacatt	aagggtctta	ggaaatgaga	acttatcacc	tttccttatt	300
atgaaaaggt	aacctccagg	taaccaaaaa	tagaacttcc	tctgtgttcg	ttttttatag	360
aaattactgg						370

<210> 508

<211> 129

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 508

ctgttaaaag	aacaaactta	gcaatatata	acagttnggt	aacaggattt	ttgactattc	60
actttgggag	ttatttttta	aaatccactt	ttttactgag	tcttactaca	taccaggcac	120
tgtacttgg						129

<210> 509

<211> 422

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(422)

<223> n = A,T,C or G

<400> 509

ntgggaagtc	gtgacatcca	tggaaccca	gcgctgtgat	gctggtgttt	gngttctccg	60
cgagaagtga	ccattgttgg	agcaccatcc	agagctagt	accantncag	tggaacagta	120
gtgggagaat	caaaaatcct	ttccagaatg	tctgtttctc	actacntgca	ccggnggatt	180
acaggcacca	gtgcagngat	gattgtactt	atgtgacaca	tactccccgt	cntcctggnt	240
nttggtcctg	anaanggtgg	gtaaatattc	caggaaaaan	aatgcacatt	gaatggatgt	300
gagagaccac	attgcctctc	ccactgcttt	ggggagcact	ttcctgtcat	ttctaactta	360
ccacntgctt	ggtgtactat	atgtatgttg	tgccctcatat	gttgcaaaga	actaangtga	420
gt						422

<210> 510

<211> 238

<212> DNA

<213> Homo sapien

<400> 510

ccacctatga	attggtggtt	tacctactca	atggatagca	gcacgaggac	tgctgtactg	60
cacaaaaaga	agacaaaaag	attacagtgg	accatgggat	acagaagcca	gcatggcaga	120
cagaagaaaa	atagtttggg	aacatgtaac	tatcctaagt	ggaagttttg	ttgttaggaat	180
tatagtaatc	acaccacatt	acttggcctt	tcgtaaatgt	gaaaaaaaaa	aaaaatcc	238

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<210> 511
 <211> 254
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 511
 ccnattgatt tgatggtaag ggaggggatcg ttgnggctcg tctgttatgt aaaggatgcg 60
 tacggatggg agggcgatga ggactaggat gatggcgggc aggatagttc agacggtttc 120
 tatttcctga gcgtctgaga tgtagtatt agttagtttt gttgtaagng ttaggaaaag 180
 ggcatacagg actaggaagc acgataagga aaatgactat gagggcgnga tcatgaaagg 240
 tgataagctc ttct 254

<210> 512
 <211> 269
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(269)
 <223> n = A,T,C or G

<400> 512
 cctacctgta aactacagta ctttatatat ctatgggntt aataaaaaana aaatccacaa 60
 atcttaaaaa ggaacttta atgcagggct atattgaatt ggnaaactgc aacacaaact 120
 ggcgcaacat aggtaaatga ataccaatct cactctatgt gatgcaagca tgctactttc 180
 ccactaattt aaattacttt caaccactat gagccagaat gcatgcctga accttaaact 240
 gcactttaaa aagtaacatc ttggcctaa 269

<210> 513
 <211> 266
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 513
 ggaggggggt tgtagggggg tcggaggaga aggntgggga acagctaaat aggttggtgt 60
 tgatttggtt aaaaaatant agggggatga tgctaataat taggctgtgg gtggttggtgt 120
 tgattcaaat tatgtgnttt ttggagagnc atgncantgg tagtaatata attggttgaga 180
 cgattagttt tagcattgga gtaggttttag gttatgnacc gtactctagg ccatatgtgt 240
 tgganattga nactagtagg gctagg 266

<210> 514
 <211> 271

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 514
acatgcaana aatcgagaat cttaaaaaac annacgaanc tgccttgga ncttactgg 60
nntangatat ttatnttgcg gctgagatac ttgaacaact tcggatcnga antagacaan 120
aanggggnant tntatactgc nncagagggt acacagntca ttgtattaga gangaacana 180
tgggtctggt gttcacacat tggggggaan atgggcgttn acangagagg nnganaaacn 240
anganagcct ncttggttng cataanaaaa a 271

<210> 515
<211> 328
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 515
ccaatgaggg gcaaagtgag cgncnagaag angttttgac tgaaataaat caaacacaaa 60
aatntaagtt cacagtgcac gtttaaaca aatccaaaca aactaacaac anaaacaccc 120
cttgntttgc ctctagtggg aggtgggana acacaanctc gtcctaaaaa ttgactagta 180
aaggggaaaa cccggtcatt tncctactct ttccangaaa tatctaatagc aagaaagaac 240
ttctnctcat tatacngaag gaatttngaa aaatgatgta tttttggaac acctaantga 300
aatactggaa cctgggcaag ttcaccac 328

<210> 516
<211> 220
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 516
ncctnagttg aaggacccca tgtacatata ggccagggga gcagtactag gntaactaga 60
aggatctcat ccccatatgt ggggtcattt caagtctatg gatgactacc ttcattgntg 120
tgtgcgagat ggtttcaccc cttgaaaata tgggcacttc ancataanat agcnaaatct 180
ttataatgat caatncatcc tacctccttt tacatgcatg 220

<210> 517
<211> 296
<212> DNA
<213> Homo sapien

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<400> 517
 tgcgatttct tccttgttgt ttgctttggt ctgtgttcaa tccagagagc ttaaattgtc 60
 attattttgg gaagaaaacc tgtatttttg ttagtttaca atattatgaa atttcacttc 120
 aggagaaact gctgggcttc ctgtggcttt gttttcttag tttctttttc cgtgccgtgt 180
 attttttaat tgatttttct tcttttactt gaaaagaaag tgttttattt tcaaatctgg 240
 tccatattta cattctagtt cagagccaag ccttaaaactg tacagaattt ccactg 296

<210> 518
 <211> 299
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 518
 gaagatagaa aaatataaag ccaaaaattg gataanatag cactgaaaaa atgaggaaat 60
 tatttgtaac caatttatTT taaaagcccg tcaatttaat ttctgggtgg gcagaagtta 120
 gaaggtaaa cttgagaaga tgaggggtgt tacgtagacc agaaccaatt tagaagaata 180
 cttgaagcta gaaggggaag ttggttaaaa atcacatcaa aaagctacta aaaggactgg 240
 tgtaatttaa aaaaaactaa ggcagaaggc ttttggaaga gttagaagaa tttggaagg 296

<210> 519
 <211> 464
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 519
 gctgcacatc ggaggaaaaac tcggttaaagc agaatgaggt tgatatgttg aatgtatttg 60
 attttgaaaa ggctgggaat tcagaaccaa atgaattaaa aaatgaaagt gaagtaacaa 120
 ttcagcagga acgtcaacaa taccaaaagg ctttgatat gttattgtcg gcaccaaagg 180
 atgagaacga gatattccct tcaccaactg aatttttcat gcctatttat aaatcaaagc 240
 attcagaagg ggttataatt caacaggtga atgatgaaac aaatcttgaa acttcaactt 300
 tggatgaaaa tcatccaggt atttcataca gtttaacaga tcgggaaact tctgtgaatg 360
 tcattgaagg tgatagtac cctgaaaagg ttgagatttc aaatggatta tgtggtctta 420
 acacatcacc ctcccaatct gttcagttct ccagngtcaa aggc 464

<210> 520
 <211> 221
 <212> DNA
 <213> Homo sapien

<400> 520
 ctgatatcta cttatttaac acaagtctct aatacaatac aattttatta attttattcc 60
 acatgcccc ctagatctct ctgactcat tcctcctaca tacctacttt gtatcctttg 120
 acctacatct cctacttcc tctccagtc cccaccccc acccactgg gctaaccact 180
 gtttcattcc ctttttcatt ctacatatgt gagatcatgc t 221

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<210> 521
 <211> 312
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 521
 ctgatagctt tctcttcgcc tagattaata tcttctnnct tcccattcac agccccacc 60
 gacatcaaag ctttgctgtt ttatctgtca aaaatgtctt cacacttttc attcttaaatt 120
 aaaagtgtcg agtaaggaca ttttcacaac aaatttttat ttacaaaaac ttacaatgat 180
 ttgaatccaa aacaactttc attatttaac tgtaaagtaa atatataatt tattaggngt 240
 gtcttagttc atttgtgtct gctttaacag tgtatccttg tgatagttgt ggggtggggg 300
 aggggggaag ga 312

<210> 522
 <211> 336
 <212> DNA
 <213> Homo sapien

<400> 522
 ccttctttcc ccaactcaatt cttcctgccc tgttattaat taagatatct tcagcttgta 60
 gtcagaccca atcagaatca cagaaaaatc ctgcctaagg caaagaaata taagacaaga 120
 ctatgataac aatgaatgtg ggttaagtaa tagatttcca gctaaattgg tctaaaaaag 180
 aatattaagt gtggacagac ctattttcaa ggagcttaat tgatctcact tgttttagtt 240
 ctgatccagg gagatcaccc ctctaattat ttctgaactt ggtaataaaa agttttataag 300
 atttttatga agcagccact gtatgatatt ttttaag 336

<210> 523
 <211> 172
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 523
 ngacnggenc ntggctatgt ntatagatag ggctttaacc actatctgng aagcangagn 60
 gacannattc ttgctctcac atnccacngg anacgtattt ctcttctctt acnagcgaag 120
 aaccatctnt ttctaaagcc cccattctat tgcccttgct tttctctggc tt 172

<210> 524
 <211> 471
 <212> DNA
 <213> Homo sapien

<400> 524
 ccagacctgc agaaaaactt agcacagctc aatctgctgt tttgatggct acagggttta 60

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tttgggtcaag atactcactt gtaactattc caaaaaaattg gagtctgttt gctgttaatt 120
tctttgtggg ggcagcagga gcctctcagc tttttcgtat ttggagatat aaccaagaac 180
taaaagctaa agcacacaaa taaaagagtt cctgatcacc tgaacaatct agatgtggac 240
aaaaccattg ggacctagtt tattatttgg ttattgataa agcaaagcta actgtgtggt 300
tagaaggcac tgtaactggg agctagttct tgattcaata agaaaaatgc agcaaacttt 360
taataacagt ctctctacat gacttaagga acttatctat ggatattagt aacatttttc 420
taccatttgt ccgtaataaa ccatacttgc tcaaaaaaaa aaaaaacctt c 471

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<210> 525
<211> 332
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

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<400> 525
ccccnctgta ttccagcctg ggtgacccca tctcanggaa gaaaagttac cagatgtcgn 60
gggtaaaggt tgggtcttcaa gtggcctcat aagttgtctt gcattttaaat tcagggaatt 120
cattggacca ataggttaca ttttcgttcc tttttgtttt tggttcatct gttaagcagt 180
gggggcctaa ttactgctcc tttgtaaaaa cacattttcc caaagaacac tgaattaccg 240
ttcaaactgg ttgttgatgg gtaataaggg ctgtttttgc tgccccaaaa gggcttaaca 300
atthagcgcg atagtttact taaaaaaaaa aa 332

```

```

<210> 526
<211> 440
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

```

```

<400> 526
ccagggttacc tcccctaaca gatgtggtgt tctgangggg tggttaagtg cccgaggaaa 60
ataggcctta actgttaaca tctacagaga agaaagcatg gtcacactgg caaggagtaa 120
gaagggattg ggtaaaagaa aatgggagag aaaagggaaa aaagttttgg caagacaatt 180
gttccctgct aagaagctgc aggggtgaaag ctttcctttc ttctattttt gtttttaatg 240
nctgtctctc tgatcagngg aaaagtgaag atttctagta tctagcacta acgtatgacc 300
caactttgag ggatcacaag ctagaacaag ttgaggattt aaaatcctgg ataattatat 360
acttaaagtt catgagcata aagctcactt gaccatgcag aaatgctggg aagcagggtg 420
catggcatgg gaatacatct
440

```

```

<210> 527
<211> 124
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(124)

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<223> n = A,T,C or G

<400> 527

```
tttccatattg tctgttgggt gcataaatgn cttcttctga gaagtgtctg ttcctatcct    60
ttgccccctt tttgaggact taaatgttag acctaagacc ataaaaaccc tagaagaaaa    120
ccta                                           124
```

<210> 528

<211> 162

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 528

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ctgcgggaga aatatgggga caagatgttg cgcangcaga aaggtgaccc acaagtctat    60
gaagaacttt tcagttactc ctgccccaaag ttcctgtcgc ctgtagtgcc caactatgat    120
aatgtgcacc ccaactacca caaagagccc ttcctgcagc ag                        162
```

<210> 529

<211> 409

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 529

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cctttaaaat atagcttata aaatgtatac tatnngccag gagagctcac atttttctgc    60
agttttccag tggacctgcc tatggaatac tgtaaagaaa aatctgcaaa aatattccta    120
gcaattgaat cagtgtcttt aaataaaaga agtggagagg ggcttggtta aattattctg    180
acaagttttc ttgctagtgg ttgccaaaat taaggatatt tgaagtgtcc tatcacccaa    240
atttggtctt aagaaaaagc tatattctgn gtctataggg tgaagccac actatctgtg    300
ctgcattctc aatgatacaa tacctatctg gaaactttcc tgttttgcca atgggtgcac    360
aatctaaaaa cattttatca caaaaggtac ttgaatttaa atttctttt                409
```

<210> 530

<211> 325

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(325)

<223> n = A,T,C or G

<400> 530

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ccgccagtgt gatggatatt tgcagaattc gccctttcna gatttgngcc cgggcaggtc    60
catggctagg attatagata gttgggtggt tggggnaaat gaggtaggca ggagtcagag    120
```

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gaggttagtt gtggcaataa aaatgattaa ggatactagt ataagagatc aggttcgtcc 180
 tttagtgttg tgtatggcta tcatttgttt tgaggttagt ttgattagtc attgttgggt 240
 ggtaattagt cggntgttga tganatattt ggagggtggg atcaatagag ggggaaatag 300
 aatgatcagt actgcggcgg gtagg 325

<210> 531
 <211> 173
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(173)
 <223> n = A,T,C or G

<400> 531
 ccaattgatt tgatggtaag ggagggatcg ttgaccncgt ctgttatgta aaggatgcgt 60
 agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
 atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt tag 173

<210> 532
 <211> 395
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 532
 caggtcctac tatgggtggt aaatttttta ctctctctac ngggtttttt cctagtgtcc 60
 aaagagctgt tcctcttttg actaacagtt aaattttaca ggggatttag agggttctgt 120
 gggcaaattt aaagtgaac taagattcta tcttgacaa ccagctatca ccaggctcgg 180
 taggtttgtc gcctctacct ataaatcttc ccactatttt gctacataga cgggtgtgct 240
 cttttagctg ttcttaggta gctcgtctgg ttctgggggt cttagctttg gctctccttg 300
 caaagttatt tctagttaat tcattatgca naaggatatg gggntagtcc ttgctatatt 360
 atgcttggnat ataatttttc atctttccct tgcgg 395

<210> 533
 <211> 290
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 533
 ctgaaccatt atgggataaa ctggtgcaaa ttctttgcct tctctacttc tcaactgattg 60
 aacataagct tcagggtctc ccctgaaaac caaatgaaa acaatgtcaa aatattagat 120
 aatcacata aaacagttta ggggatacca atatataaaa attattaggt aagctcattt 180
 ctggaactgt taatgctcgg ttccacaatc caagnngacc aacagccttc actcagntac 240

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tggnagtgnt actatgggta ctacngntac tacctttagt gtnaaaaact

290

<210> 534
 <211> 334
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(334)
 <223> n = A,T,C or G

<400> 534
 ccgccagtgt gatggatatt tgcagaattc gcccttagcg agnnagccgg gcaggtccat 60
 ggctagggtt atagatagtt ggggtggttg tggggnatga gtgaggcagg agtccgagga 120
 gggtantttg tggcaataaa aatgattaag gatactagta taagagatca gggtcgtcct 180
 ttagtggtgc gtatggctat catttgtttt gagggtagnt tgattagnca ttgttgggng 240
 gtaattantc ggctgttgat ganatatatt gaggtgggga tcaatanagg gggaaatana 300
 atgatcagtn ctgcggcngg tnnacactcn gccc 334

<210> 535
 <211> 557
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 535
 nccataagct tcagtgcgca aaagggtcaag gccagtgtta atttgttatt tcttaaataa 60
 ctttcccttt cttttttaa ttataaattt aacttctaac atgttttatg gttaaaattg 120
 tacttttttc ctttagcgac attcaaatgc atcacaatca ctttgtgaaa ttgttcgcct 180
 gagcagagac cagatgttac aaattcagaa cagtacagag cccgaccccc tgcttgccac 240
 tctagaaaag tatgtgtaaa actctgttct tgttcttctt tcatattgat gctgttccat 300
 gtgttaccat tgtgagtgtt tggtaagtgt tccttatgtg ggaatcatgt gccttgaaaa 360
 taaccttggg tgggtgagaa ggtagggaaa cctgcttctt ttatctcaag taaaagtgtt 420
 ggcagggtaa agaagataaa tgacatttat atctagactt ttgagttttc caattatttg 480
 gtaaaaatgg gaaattctgt agaagccctt ccttaaaaat gggggaagtc catttnanaa 540
 aattaactgg taggtca 557

<210> 536
 <211> 372
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 536
 gttccaacct tcatttctga aactgttcta gagcacngtg tctttctcgt agttcataac 60

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```

ttaccoccttc agtctagaat tagaattaca ttatctgttt tactacttta ctagactgta 120
agctcctaga agataaggac tagggagttc atctctgtat tccaccagaa ggtacagtga 180
ctcatatcta gagtcttttag atgaaactta ctgagttgaa taacttaata tatttctgtt 240
ttcattccca agggaggcca tgtctggaga tagaccttga atttaataaa ttttaggcac 300
tataccattt cagtggagaa aattgttggg aaatttgggg ggatggatat ataaggggga 360
ggaagtcact gg 372

```

```

<210> 537
<211> 284
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

```

```

<400> 537
ccttctgatg caaacagaaa ggaaatgttg tttggangcc ttgctagacc tggacatcct 60
atgggaaaaat ttttttgggg aaatgctgag acgctcaagc atgagccaag aaagaataat 120
attgatacac atgctagatt gagagaattc tggatgcgtt actactcttc tcattacatg 180
actttagtgg ttcaatccaa agaaacactg gatacttttg aaaagtgggt gactgaaatc 240
ttctctcaga taccaaacaa tgggttacct agaccaaact ttgg 284

```

```

<210> 538
<211> 293
<212> DNA
<213> Homo sapien

```

```

<400> 538
gtacatagta ggtgtatata tttatgggct atataagatg ttttgatata ggcatgtaat 60
gtgaaacaag cacatcaaca agaatggggg atccatcccc taaaacattt gtcctttggg 120
ctacatgtca tttcctaata taaagaaaaat ggacagacag aaccaacatt gatttgactg 180
ggtgaaaaag tccatttgag ttggggagcag gggttgtgtt cctggatttg ggttgtagg 240
acagtgtaaa aaggcttcac aggggaacat tcttttctga taaaggaaaag cag 293

```

```

<210> 539
<211> 468
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

```

```

<400> 539
tttcnataaa ctttattttt agagcagttt taagnnggta gcaaaattga ttagaaggna 60
cagagatgtc ccatacacct cctactccca cacatgcaca gccttcccca ttatcaatag 120
cccccaacag agggatacat ttgttaacaa ctgacgaacc tacatatcat tatcacccaa 180
agtccacagt ttatattatt ccttctggag aattttcaaa tacagaaatt cctctaccag 240
gaataaacta ncaatttcct ctcggttttc tataaattta attattattt cagaaattag 300
cctatcttta caggagaaaa tggtataaac catgaaaaga ctatcaaata cacaaggaag 360
tgaatgntat ataaaaaatg taccatctcc taaacaacta cctgcattcc cttcttggtg 420

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gtaagttata atttgnnata gttctgatca tctgtttaat taatttgc

468

<210> 540
 <211> 397
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(397)
 <223> n = A,T,C or G

<400> 540
 ctgttttatt aattccccc tttgcagcac acttntctct tccaacattc atcagtcaga 60
 tcagagtcca cggctctttc aaaatttaga taaactggct tacattttgt aatgatgtcc 120
 ccagacaaca cccactcca acccattctg tttgttacta ttagtttaca acatgcatgt 180
 gcctttactt tcattttcat agtatttaaa aatggaaggg cactcccaa tttactttaa 240
 cccctttaat aatctctctc ctctgctct ctctggctct ccagacaact gttgatttac 300
 tttcctttat gatggattag tttgcatttt ctagaatttt atatgactga catataaagn 360
 ttttatgttt ctcccctttg ggtttcttca tgtggca 397

<210> 541
 <211> 248
 <212> DNA
 <213> Homo sapien

<400> 541
 cctagatagg ggattgtgcg gtgtgtgatg ctagggtaga atccgagtat gttggagaaa 60
 taaaatgtgc atagtggggg ttttatttta agtttggttg ttaggtagtt gaggtctagg 120
 gctgttagaa gtcctaggaa agtgacagcg agggctgtga gttttagggt gagggggatt 180
 gttgtttgga agggggatgc gggggaaatg ttgttagcaa tgagaaatcc tgcgaaatagg 240
 cttccggc 248

<210> 542
 <211> 366
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

<400> 542
 aatcggccct ctgatgcat gctcgagcgg ccgccagtgt gatggatatc tgcagaattc 60
 gcccttgagc gatanccgg gcagggtccaa ttgatttgat ggtaaggag ggatcggtga 120
 ccncgtctgt tatgtaaagg atgcgtaggg atgggagggc gatgaggact aggatgatgg 180
 cgggcaggat agttcagacg gtttctatct cctgagcgtc tgagatgtta gtattagtta 240
 gttttgttgt gagtgttagg aaaagggcat acaggactag gaagcagata aggaaaatga 300
 ctatgagggc gtgatcatga aaggtgataa gctcttctat gataggggaa gtagcgtctt 360
 gtanac 366

<210> 543
 <211> 460

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<212> DNA
<213> Homo sapien

<400> 543

cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcctag	tgtccaaaga	60
gctgttcctc	tttggactaa	cagttaaatt	tacaagggga	tttagagggt	tctgtgggca	120
aatttaaagt	tgaactaaga	ttctatcttg	ggcaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgccctc	tacctataaa	tcttcccact	attttgctac	atagacgggt	gtgctctttt	240
agctgttctt	aggtagctcg	tctggtttcg	ggggtcttag	ctttggctct	ccttgcaaag	300
ttattttctag	ttaattcatt	atgcagaagg	tataggggtt	agtccttgct	atattatgct	360
tggttataat	ttttcatctt	tcccttgcg	tactatatct	attgcgccag	gtttcaattt	420
ctatcgcccta	tactttattt	gggtaaatgg	tttggtctaa			460

<210> 544
<211> 116
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 544

ccgccagtgt	gatggatatt	tgcagaattc	gccctttgga	gngctngcgc	ccgggcaggt	60
ctgtttcagc	agtcctcct	tcttcttccc	gcgangatct	cgagccttga	tcttgg	116

<210> 545
<211> 380
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 545

cgacggatcg	atnagctnga	tatcgaattc	ggacgagcat	ggcgtattgc	tgcagatatg	60
gattcttcag	aatgctccat	gacaaatgta	ctgacgggaa	gncnatctaa	aggaggcatt	120
gtnatgagag	aaagggtctcg	agctccagat	aaagagagat	acagagttct	tggaattgga	180
gttgacagaaa	cagtaagaca	atcgattgtg	gggaagcgtt	cttttagaga	atctttggcc	240
ttcactccaa	agcgttggtc	ttcatcaata	ataagtagct	cgtgccgaat	tcctgcagcc	300
cgggggatcc	actagttcta	gagcgggcgc	caccgcggag	gagctccagc	ttttgttccc	360
tttagtgagg	gttaatttcg					380

<210> 546
<211> 418
<212> DNA
<213> Homo sapien

<400> 546

ccaggggcaat	taggcaggag	aaggaaataa	agggtattca	attaggaaaa	gaggaagtca	60
aattgtccct	gtttgcggat	gacatgattg	tatatctaga	aaacccatt	gtctcagccc	120

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aaaatctcct taagctgata agcaacttca gcaaagtttc aggatacaaa atcaatgtac      180
aaaaatcaca agcattctta tacaccaata acagaccaac agagagccaa attatgagtg      240
aactcccatt cacaattgct tcagagaata aaatacctgg gaatccaact tacaagggat      300
gtgaaggacc tcttcaagga gaactacaaa ccactgctca aggaaataaa agaggatata      360
aacaaatgga agaacattcc atgctcatgg gtaggaagaa tcaatatcat gaaaatgg      418

```

```

<210> 547
<211> 172
<212> DNA
<213> Homo sapien

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```

<400> 547
cctgaggttg ggagaaatth tgtccatttc tttagaacca aaattggcaa ccagagagta      60
tttgatgtt acacaaaata tctagtttcc ctttctagcc taaattgggt tgtttatagc      120
accgctctct ccatttgaga aaaatgggta ggatgctggt gcagggatga gg          172

```

```

<210> 548
<211> 367
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

```

```

<400> 548
ggtctgactt aagagaaaca atggaaggca agaggcagta gaataatata ttcaaaagat      60
gcaaaggaaa aaaacctctc agccacgaat tccttatcca gcaattattt ttcaaaaatg      120
aaaataacac aaagacttag ccagataaac agaaacatta actgaagttg ttgctggcag      180
acctaccata taaaaataaa aaactctaaa aaaattccta tggctaaaag caagttacag      240
aagacagtca cttgaatcca ctttttaaaa aaagcactga tatacgtaat attgacatta      300
taaaagacag taaaaatgca tttcttcttt ataataaant gcttattaaa taacatgtgt      360
ataatgg

```

```

<210> 549
<211> 418
<212> DNA
<213> Homo sapien

```

```

<400> 549
ccaaatcaga acctagagtg agcattctat aaactcacct ttgctttgat ccttgaagat      60
cacaagtttt gatactgttg aaatctctac tctttcaaca ctttaattaa atggcattta      120
gaatttcata tacttctgtt gttgtttcca caatcttaaa ctggatttag aaatacttat      180
aatgtaaag caagagcttt aacttagtaa ccgtatttcc tattttttgt tgtttttctt      240
ttgccagaat ttctgtttgt ctacaataaa gtccagcgaa atacagtatt tggttagggt      300
acttgtaaac ataaaattht atcatttgta gagtttttac ttaaccttcc tattctctag      360
tctctataat ctttcaatga agataaccag ttacgaatat ctctataacc atattagg      418

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<210> 550
<211> 234
<212> DNA
<213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

<400> 550
 cctaccgccc gcagnactga tcattctatt tccccctcta ttgatcccca cctccaaata 60
 tctcatcaac aaccgactaa ttaccaccca acactcacaa caaaactaac taatactaac 120
 atctcagacg ctcaggaaat agaaaccgtc tgaactatcc tgcccgccat catcctagtc 180
 ctcatcgccc tcccatccct acgcctcctt tacataacag acgagggtcaa cgat 234

<210> 551
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 551
 cacccttacc ccnntcctca taaaagttnc tctccctgga tctctttttt cctcatgag 60
 tgcccgggtg cccaagtcaa aaacctggga gtgatataaa ctccccacac atccagtcag 120
 tcaatcatca actctattga ttctgtctgc taaatataatn tcaattgtat taacttaaac 180
 atatgcatan ggcactttct tcttcaactgc atttttgtgg gctgcactta cttttcaggt 240
 aacgacaaca ctggcccttc ttgcccttct agtcagaagt gccaaaatga tgagagctag 300
 ccatgacaaa cccacagcca acattacact gaatgtgcaa aactggaagg gcatccaaac 360
 agaggagggg agagagggaat agacaggaag tcaaactgtc tctgtttaca gatgacatgt 420
 ttctatatct ataaagcccc atagtcttg ccccaaagct tcttctgctg ataaacttta 480
 gcaaagtctt agcatacaaa atcaatgtgc aaaaattact aacagtccta tacatcaagt 540
 ca 542

<210> 552
 <211> 411
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 552
 cctggntgac aaggagggtgc ctgtnatgtg aagatttgag gaaagagcat tccaggcagg 60
 gggaaggctt gatgcaaagg gtctactgca ggcattagct gagcttattt aaagatcaga 120
 atgaaggcca ttgtggctag aacagagtgg acaggaagga atggtaccag gcaaagctga 180
 agaagtggc aggattgagc tctcataant catggcaaag agttccatt tcattgtttg 240
 acggaaataa attggaaggc cttaagtagg agaagatttg attagattta cattttacga 300
 agaagcactc tggatgttat gtgaagaaat ggcctttgca gggcaagggt ggaaacaaag 360
 agatcagtta ggaaattatt ggagtagctg aggattggat gaggggatgt g 411

<210> 553
 <211> 631

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<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 553

ccgggattag	aactaaaaca	agtgagatca	cccctcta	tatttctgaa	cttggtta	60
aaaagtttat	aagattttta	tgaagcagcc	actgtatgat	attttaagca	aatatgttat	120
ttaaaatatt	gaccttccc	ttggaccacc	ttcatgttag	ttgggtatta	taaataagag	180
atacaacat	gaatatatta	tgtttatata	aatcaatct	gaacacaatt	cataaagatt	240
tctcttttat	accttcctca	ctggccccct	ccacctgccc	atagtcacca	aattctgttt	300
taaatcaatg	acctaagatc	aacaatgaag	tattttataa	atgtatttat	gctgctagac	360
tgtgggtcaa	atgtttccat	tttcaaatta	tttanaattc	ttatgagttt	aaaatttgta	420
aattttctaaa	ttcaatcatg	taaaatgaaa	ctgttgctcc	attggagtag	tctccacct	480
aaatatcaag	atggctatat	gctaaaaaga	gaaaatatgg	tcaagtctaa	aatggcta	540
tgctctatga	tgctattatc	atagactaac	gacntttatc	ttcaaaacac	caaattgtct	600
ttagaaaaat	taatgtgatt	acaggtagag	g			631

<210> 554
<211> 558
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 554

ccaggntagt	ctccaactcc	tgaccttagc	tgatccaccc	acctcggcct	cccaaagtgc	60
tgggattaca	ggcatgagcc	actgcgccc	gccaaacttg	atatgcattt	ttaaataagt	120
taatacatta	ttcatggttt	agtctcatta	tatatctat	gggccacttt	gaaatttcat	180
ctaaccaaaa	tcatcttcat	cctgcaattt	gaggtttgga	cacaatgggg	attgatcagt	240
aattttcttca	tatgcccttt	ctcaaggaaa	tagtttccta	tgaaaaaaaa	gtcctatggt	300
ttcatgtaag	ttctcttttt	ggagaagaaa	aggagacatt	cttacttagc	actctcagtt	360
ttacaaaacg	ctgccaacct	taaaatttgt	ctattgattc	ccaaggcaca	caaccaatag	420
tctgtcaata	accoggaata	acatttcttt	aaggccccag	taactttcac	atgtttgggt	480
tccaatcctc	acctagaatc	ttgttaagaa	aagtaaacca	ttcactcctc	tagaaaactct	540
aaggttgctt	cttagggg					558

<210> 555
<211> 212
<212> DNA
<213> Homo sapien

<400> 555

ccaggatttt	gcataatggc	ttttcttctg	ttgcctttgt	tcctttgtgg	ccccagctaa	60
ttgcctgaga	gtgccactgt	tagttttcaa	ctctttctga	tagaaaccct	gtgtactaac	120
atggaaatct	taggtaatct	gctttttcaa	agcacaatgc	agaatttatt	ggcgggtggtg	180
taactttaag	aatatccgag	aagccaccaa	gg			212

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<210> 556
 <211> 219
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 556
 ccatgtgtct atctggagag aaggggaaac agcaagtgca aaggccctga gatggaacat 60
 atctggagaa ttcgaagaat ggtaagaagg ccagagtgga gcagaacaag tgtgggagag 120
 agttgttagga gatgagatca aaggctagga atgaagtgta aggccatgtc atgtgacctt 180
 gtatgtcctt gtaaggcttt tttttttttt tttnancct 219

<210> 557
 <211> 482
 <212> DNA
 <213> Homo sapien

<400> 557
 cctactatgg gtgttaaatt ttttactctc totacaagggt tttttcctag tgtccaaaga 60
 gctgttcctc tttggactaa cagttaaatt tacaagggga ttttagagggt tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtaggt 180
 ttgtcgcctc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggtctc ccttgcaaag 300
 ttattttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct 360
 tggttataat ttttcatctt tcccttgccg tactatatct attgcgccag gtttcaattt 420
 ccatcgccta tactttattt gggtaaatgg tttggctaag gttgtctggt agtaagggtg 480
 ag 482

<210> 558
 <211> 679
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

<400> 558
 ctgtnaaaat tctgaaccta tccccaaaag aaaaaccgtg aaatacaagt tttaggaggt 60
 ggagcaaaaga aaagccaagt tatttaaaac caataaacac aagagacaat tctgctggag 120
 aatttacttt ctccaaaaca tcaaatggac tttaaagcag aagaccacat tttatgagaa 180
 agttatgtca ctgaaaagct tcatgtaaaag tgactttgta aatggaatat ttttaaataa 240
 taaaaagaaa ataacttttc caggaatcct ttggagaggc tgataaccag atattaaatt 300
 atcaattttt ccaaagtgga cttttaaaaa atgtgttact tttaaaaact aacttgaaag 360
 aatttatgag gcaatctatc tgagtatgtt tattgttgct ccattggctt tcaggatttt 420
 ggtcatttca ctgttaactc ttacatcaga gaataaagaa aagaaaatga aactttgtta 480
 ggaactggga tggaaaatgt agtcccagac agatctactg acctcgactg agtttcagaa 540
 atatcccagg attttggtta ttcatgcctt tcttttggtg ctttctttca aattagccaa 600
 ttaaagatac cctttcaatc accggtgaca tcagtacaac agtttttcaa cagttttctc 660

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tctcctgacc aaacagttt

679

<210> 559
 <211> 488
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

<400> 559
 cccactgta ctccagcctg ggtgacccca tctcaaagaa gaaaagttac cagatgtcat 60
 gggtaaaggt tggctctcaa gtggcctcat aagttgtctt gcattttaat tcagggaatt 120
 cattggacca atagggtaca ttttcgttcc tttttgtttt tggttcatct gttaagcagt 180
 gggggcctaa ttactgctcc tttgtaaaaa cacattttcc caaagaacac tgaattaccg 240
 ttcaaactgg ttgttgatgg gtaacaaggg ctgtttttgc tgcccaaaa gggcttaaca 300
 atttaggcgg atagtttact taaaaaaaaa aatcctttgg agacatactg aaaatgcaaa 360
 ctagtttcta aattatcaat tccctacatg aanaagcagt ttgccanagt ttagtctcan 420
 aaaatgactg gttggctcta tttaaatcan aacccaattt ctacgcacct gcccgcccg 480
 ccaagggc 488

<210> 560
 <211> 602
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 560
 cctanttaag aattccttgc cttagtgggt aacaaggact aaacacagac aatgggtgaa 60
 acacagacgc taattcacat aacagagagt aggcaacctt aagaatgaat tgatgcagac 120
 tcctatagaa ttctctgtt atgaactgggt tcttattttc tcctccttgt atgtagttga 180
 aatttcatca ttatgaatag ttcttggat ctttttttaa agttgtgaat gcgagtgttt 240
 ggctttgtaa tacaactttt tagtatccag aagataacca gtgctctacc aataaagatc 300
 ttttgataca aagggtttta acttctgcca gttcttactc atttttttca ggttttttat 360
 acatttctta aacaacacat acattatgta aaatataaga attaatgtac attctcaagg 420
 ccagattcag tgacaaaatg cactaccgga atctagtaac acatttactc cttgctgcat 480
 ataagtggcg tgtaagaaat acagggtata ttgttttgtg atccatgcag taaatgttca 540
 caaatatcag gcaacaact agacgntctt cagctactaa aattaactgt cccagtcaca 600
 aa 602

<210> 561
 <211> 683
 <212> DNA
 <213> Homo sapien

<400> 561
 gtctattttt aaaaagaaag aaaaaaacca cttttttata gtccctagct ttgccatatg 60
 cccgccttaa gtggaaggaa agttaatcac ttaactatgt tttataaaaa gaaaaaaggg 120

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 F0E050" 92964860

cttggaatgc	tattactgtt	cacacaaagt	atgattctgt	ttgaataagg	caaagtctcc	180
tttttttaaa	aaaagacatt	actgtaatat	caaaaaccgt	ggcagtttgt	atacaactct	240
gggcttgatt	ttttttaaaa	aaacagaatg	aattgatgtc	ttattttata	aatgtttctat	300
atttattagg	agaaaacttt	atattgcctt	ttttatcaat	catgtaacag	gcttatagct	360
ttccaacaga	gctgcttgcc	aaacaatttt	ttttgtttat	taaacagtgc	tgaacaaaac	420
aggatcagca	tttacttaag	atgttaagaa	tgaggacttt	taatcagccg	aaccaagata	480
ttgttacctg	tatgcattcc	caaagtctag	atgctcagta	tgttcagtca	tatctttcag	540
aatcagtga	ccgattaccc	tttttttggt	attcactcta	catctgccaa	cctagttcac	600
cttggttttg	tgtctgctgt	agaagggaac	cataacttgg	ttaaaccgta	gggattatca	660
ttgtatacat	gctgtgaaca	tgt				683

<210> 562
 <211> 420
 <212> DNA
 <213> Homo sapien

<400> 562

gcactttttt	tccagtaagg	attcatctct	tgctctccta	tatggtcatt	atattttata	60
ttttacatat	ttataaacat	gacatatgta	tttatgttcc	acaaagggct	ttgaatagaa	120
tttacacata	gagttccctg	ggttgatgtg	tttatcaaaa	tggaagataa	agtgaattaa	180
ttactttaat	atttaacact	attgaataga	aataatttcc	ccaatattgc	ttcatgattt	240
agacagtcta	ttaaatgttt	aagcaaggca	ctagactaag	tttattaaga	caaattttgg	300
aatatgtgca	gaaatatgac	ctggctaata	gtacagagtc	aaagctgggt	gaatgggtgt	360
atatagtgga	ttcagattga	tgtggcagtg	gtgggttacac	taggggcact	aagggttatcc	420

<210> 563
 <211> 482
 <212> DNA
 <213> Homo sapien

<400> 563

ctccacctta	ctaccagaca	accttagcca	aaccattttac	ccaaataaag	tataggcgat	60
agaaattgaa	acctggcgca	atagatatag	taccgcaagg	gaaagatgaa	aaattataac	120
caagcataat	atagcaaggga	ctaaccacct	taccttctgc	ataatgaatt	aactagaaat	180
aactttgcaa	ggagagccaa	agctaagacc	cccgaaacca	gacgagctac	ctaagaacag	240
ctaaaagagc	acaccctgtct	atgtagcaaa	atagtgggaa	gatttatagg	tagaggcgac	300
aaacctaccg	ggcctgggtga	tagctgggtg	tccaagatag	aatcttagtt	caactttaac	360
tttgcccaca	gaaccctcta	aatccccttg	taaatttaac	tgttagtcca	aagaggaaca	420
gctctttgga	cactaggaaa	aaaccttgta	gagagagtaa	aaaatttaac	acccatagta	480
gg						482

<210> 564
 <211> 302
 <212> DNA
 <213> Homo sapien

<400> 564

ctggaagtga	aggtaactaat	atacaaattg	ctcttgtttc	tgaatatgtg	atataatttg	60
tgaatctttg	gaaactgaat	tttttctatg	gagtgc aaat	atagaagggt	tattttacaa	120
tgtttggtgt	gaaaagaatt	cactttgtaa	acaactatta	aggctggaag	tttagtgaag	180
gtgcatagtt	ttgaaagcta	cacaggtgaa	aatcaaaact	tattgtttgt	aattttgctg	240
ttacatgtta	agttactttg	acagcaattt	tctaatagata	atgtgattta	tgatttaaaa	300
gg						302

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<210> 565
 <211> 554
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(554)
 <223> n = A,T,C or G

<400> 565
 ccanngtgac atcatggcaa tacagcaaga attctgnnat ttatttagaa gcctcaagga 60
 gaaggatcct ggagcccctg aatgagagtt tcttctccat gcctctcccc agtcaaaata 120
 catggaaata ttcatagaag cattgtaccc agcatgataa ggaaggatgg agaatgggtc 180
 cttatatctc tggtcacaag acatcaacac tcttaagtaa ctgtatgaaa taaattctct 240
 gctgaaagca aataaaccat ctgaaaggtc ttctggttac ttacacagat ttcctagaga 300
 atctgaaatc agcctaacag ggaagattaa tttttaaatg aatccaagtt aatgaaagca 360
 aagaactctt atacagaaat acattttcct attataaagc aggactacct tccctaattt 420
 ctgatagacc taggacaatt tgaatgggca ttgaaattct tttgggttgaa ttacgcaaac 480
 aagcaaagga aaagtctcaa ttattattgg aaaatttggg gagagattat tatctcttga 540
 tctcctagtn natt 554

<210> 566
 <211> 631
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 566
 ncgaagctgt gaanncattc acacggaatc tgganggtat tactgtaact tcttataata 60
 cataatataa aagtttttga aagatataga cacaattaac ccctaaacaa cacactatct 120
 gattctcaaa agcaatggct atttaacaag atgtaaaagg acaataacat atcaaagaac 180
 tttcacacac ctaaagatag catttagcag caagttagtc agacaaaaca aacataaata 240
 tcttcacatt tctatgttt gtttttaact ttacttcata aagccactga taattgaggt 300
 ttctttcaag tataagattt ctaaaattaa aaactgtttt tgacatattt ttataaagaa 360
 ataaaaagca aaacgcaatc caactattta tatgagtccc tcttctccaa cagctttaga 420
 tgtttttctg agtacttttt acacagaata tttttattaa aatcagttct aattcattta 480
 tgcagattag gggaaaatga ttcataataa attaaactta aaattacctt ctatctgctt 540
 ctacctctat cccccatca ccaccaaact tgttgctaca gtgaactgta gccaatgtct 600
 gtttgagggg gcccaaagca tctggtaatc t 631

<210> 567
 <211> 510
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

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<400> 567

cctatnatag	cttctctagc	tatcatactc	caatcagcna	aaaatgagaa	aatgttgaga	60
aatagaagat	aattcctcat	ttaaggncac	cttctanaat	ttgtgcttaa	nantctgttt	120
tcttctcatg	ggccagcact	tcggcaactg	ggaaaaatta	ngngtacagg	gatctaggna	180
atactgttta	tttgagcaat	aatatattgn	gctaacgttc	aggcatccta	ttactgagaa	240
ataagggaaa	atgagtgtaa	agtacaacta	agagtctcgg	ctacagggaa	aaataccatc	300
agttaaatat	ccatagtcct	agagcattta	tgtaaaactg	caatttgaat	cctgcaatac	360
attttggtt	tttcctcagt	gataccatgt	gtgggaagtt	gttctgtcaa	ggtgggtcgg	420
ataatttgcc	ctggaaagga	cggatagtga	ctttcctgac	atgtaaaaca	tttgatcctg	480
aagacacaag	tcaagaaata	ggcatggtgg				510

<210> 568

<211> 180

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(180)

<223> n = A,T,C or G

<400> 568

ttaatntgac	ncacgcttat	gcggaggaga	atgnnttcat	gttacttata	ctaacattag	60
ttcttctata	gggtgataga	ttggtccaat	tggtgtgtgag	gagttcagtt	atatgtttgg	120
gatttttttag	gtagtgggtg	ttgagcttga	acgctttctt	aattgggtggc	tgcttttagg	180

<210> 569

<211> 237

<212> DNA

<213> Homo sapien

<400> 569

ccaattgatt	tgatggtaag	ggagggatcg	ttgacctcgt	ctgttatgta	aaggatgcgt	60
agggatggga	ggcgatgag	gactaggatg	atggcgggca	ggatagttca	gacggtttct	120
atttcctgag	cgtctgagat	gtagtatta	gtagttttg	ttgtgagtgt	caggaaaagg	180
gcatacagga	ctaggaagca	gataaggaaa	atgactatga	ggcggtgatc	atgaaag	237

<210> 570

<211> 352

<212> DNA

<213> Homo sapien

<400> 570

ctgtctctcc	atntagagcc	ccagttggtc	ctgacctctt	acaaatttgg	tgttttcact	60
ttgatgttta	tgaaccgatt	gcattaaaaa	tgcaggataa	tgattcaggg	ttagagaaac	120
tattatttat	acaaatgtgg	ttaacacctc	atcattttta	attggctgtg	ctaataatgc	180
tcatttgtct	cttcaggggt	atgtgtgtgt	gtgtgtgtgt	gttttgcttg	aatctgcaac	240
ctacatttgc	tctggcagta	tgttgagtat	atgctagaat	agaatggacc	taggcaactc	300
taaggtccta	caactaaata	cacttactta	ggaaacctcc	taaataagta	gg	352

<210> 571

<211> 402

<212> DNA

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 575

ccagatntga	cttttcaaaa	ctactcacat	tgtgaaaaan	gcaggaacaa	atctagtttc	60
aagttcagca	tgccgttccc	tgtttaattc	ataaaacaca	actggcagaa	gtattacttg	120
aagcaaaaca	aaagtaacgt	gggaacttgc	ttatttgcta	agccacaatg	tatttttcca	180
ggaatagcat	aaatttgcca	tctttcttgt	gtctatggaa	aaggggttta	gaattgtttc	240
actaaaaatt	aaatttctat	attgtcaaac	atgattgtat	actcaaattt	taaaatgtga	300
agggaaact	tactaagcat	ttcctgggta	tgccactata	ttaagtccta	gtaatatgat	360
atagtttatt	tcaatttttt	ttcaactcat	acttccttta	aaatagcact	gaccaaaaga	420
aagttaacat	gagcttcatg	tacaattttt	aatctttttg	cagaaaaata	aactgagaaa	480
ggctaaaatt	gttttattta	agccactata	ccaagacata	ttgatttcac	caatataaaa	540
attgagatag	tttacatttt	ttggtacatc	tttaaaatct	ggtatgtatt	tttatactga	600
cagcacatct	caatttggac	aagctacatt	tccagggtct	aatagtcacc	atgaatctca	660
attgtaatca	aagaggttgg	cctg				684

<210> 576
 <211> 134
 <212> DNA
 <213> Homo sapien

<400> 576

ccttattttct	cttgtccttt	cgtacagggg	ggaatttgaa	gtagatagaa	accgacctgg	60
attactccgg	tctgaactca	gatcacgtag	gactttaatc	gttgaacaaa	cgaaccttta	120
atagcggctg	cacc					134

<210> 577
 <211> 133
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 577

ctgtctctcc	attnagaagc	cccantnggt	cctnacctct	tacaaatttg	gtgttttcac	60
tttgatgttt	atgaaccgat	tgcatataaa	atgcaggata	atgattcagg	gttaganaaa	120
ctattattta	tac					133

<210> 578
 <211> 200
 <212> DNA
 <213> Homo sapien

<400> 578

cctcaaattct	atottcaaa	gtgaccacgc	aatcagtgtc	aatgccttta	ctgtagtta	60
cctggtaatt	tcattcttta	gtctctccaa	gaaaatctga	agtgtattag	gcaagtcaga	120
acccaaattg	tctccaaggt	tgcaataaat	ttgtcccata	caggaaatag	ccctttcctt	180

gacttcctga tcaatgtcag

200

<210> 579

<211> 402

<212> DNA

<213> Homo sapien

<400> 579

ctgatttttaa	caataactac	tgtgttcctg	gcaatagtgt	gttctgatta	gaaatgacca	60
atattatact	aagaaaagat	acgactttat	tttctggtag	atagaaataa	atagctatat	120
ccatgtactg	tagtttttct	tcaacatcaa	tggtcattgt	aatgttactg	atcatgcatt	180
gttgagggtg	tctgaatgtt	ctgacattaa	cagttttcca	tgaaaacgtt	ttattgtgtt	240
tttaatttat	ttattaagat	ggattctcag	atatttatat	ttttatttta	tttgtttcta	300
ccttgagggtc	ttttgacatg	tggaagtga	atttgaatga	aaaatttaag	cattgtttgc	360
ttattgttcc	aagacattgt	caataaaagc	atttaagttg	aa		402

<210> 580

<211> 245

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(245)

<223> n = A,T,C or G

<400> 580

ccaattgatt	tgatggtaag	ggagggatcg	ttgacctcgt	ctgttatgta	aaggatgcgt	60
agggatggga	ggcgatgan	gactaagatg	atggcgggca	ggatagttca	gacngtttct	120
atttcctgag	cgtctgagat	gttagtatta	gttagttttg	ttgtgagtgt	taggaaaagg	180
gcatacagga	ctaggaagca	gataaagaaa	atgactntta	gggcgtgatc	atnaaanggg	240
ataaa						245

<210> 581

<211> 294

<212> DNA

<213> Homo sapien

<400> 581

tgcagcgcaa	gtaggtctac	aagacgctac	ttcccctatc	atagaagagc	ttatcacctt	60
tcatgatcac	gccctcatag	tcatttttct	tatctgcttc	ctagtctcgt	atgccctttt	120
cctaacactc	acaacaaaac	taactaatac	taacatctca	gacgctcagg	aaatagaaac	180
cgtctgaact	atcctgcccg	ccatcatcct	agtcctcatc	gccctcccat	ccctacgcac	240
cctttacata	acagacgagg	tcaacgatcc	ctcccctacc	atcaaataca	ttgg	294

<210> 582

<211> 230

<212> DNA

<213> Homo sapien

<400> 582

gaggtgccc	tcatagtcac	tttccttata	tgcttcttag	tcctgtatgc	ccttttcccta	60
acactcacia	caaaactaac	taataactaac	atctcagacg	ctcaggaaat	agaaaccgtc	120
tgaactatcc	tgcccgcac	catcctagtc	ctcatcgccc	tcccatccct	acgcacccct	180

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<210> 583
<211> 481
<212> DNA
<213> Homo sapien
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<210> 584
<211> 306
<212> DNA
<213> Homo sapien
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<210> 585
<211> 308
<212> DNA
<213> Homo sapien
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<210> 586
<211> 416
<212> DNA
<213> Homo sapien
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<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G
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<400> 586

cctgtctttg	aatggatgaa	atagggttaat	aaaaaacatc	actgttttaa	aactagaaca	60
ctgaaaaatt	ctaggaaagc	ttattttccc	ttatatTTTT	atggnacttt	caacacttna	120
caacactatt	tnaattaann	ttntttctag	agtttatann	atatcagtac	attcttttct	180
gtggatgcaa	taatatagaa	tcttattnca	aatcttactg	gcaggntctn	ttaaattcct	240
caacggntgn	catagtgatt	aacaaaaatt	agttatgatt	tctgcctatc	tgtgtgagaa	300
cttacagggg	aaattgttct	aaacctgagg	aacatgaagt	aactgtactg	cacactccaa	360
atgatgacag	tcattttata	tcaccttcaa	ttaccaaca	gcttttaata	gtctgg	416

<210> 587

<211> 382

<212> DNA

<213> Homo sapien

<400> 587

cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcctag	tgtccaaaga	60
gctgttcctc	tttgactaa	cagttaaatt	tacaaggga	tttagagggt	tctgtgggca	120
aatttaaagt	tgaactaaga	ttctatcttg	gacaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgctc	tacctataaa	tcttccact	atattgctac	atagacgggt	gtgctctttt	240
agctgttctt	aggtagctcg	tctggtttcg	ggggtcttag	ccttggtctc	ccttgcaaag	300
ttattttctag	ttaattcatt	atgcagaagg	tataggggtt	agtccttgct	atattatgct	360
tggttataat	ttttcatctt	tc				382

<210> 588

<211> 307

<212> DNA

<213> Homo sapien

<400> 588

cctactcttc	tccgtccatt	gtactatctg	cccgtggtgg	ggatggcagt	aggatcatat	60
ttgatgactt	ccgagaagca	tattattggc	ttcgtcataa	tactccagag	gatgcgaagg	120
tcatgtcctg	gtgggattat	ggctatcaga	ttacagctat	ggcaaaccga	acaatttttag	180
tggacaataa	cacatggact	aatacccata	tttctcgagt	agggcaggca	atggcgtcca	240
cagaggaaaa	agcctatgag	atcatgaggg	agctcgatgt	cagctatgtg	ctgggtcattt	300
ttggagg						307

<210> 589

<211> 89

<212> DNA

<213> Homo sapien

<400> 589

cctgggtgat	tgaggatgca	atgagctgtg	attgtgccac	cacactccag	cctgggcaat	60
acagcaagac	tgtctcaaaa	aaaaaaaaa				89

<210> 590

<211> 456

<212> DNA

<213> Homo sapien

<400> 590

cctcagttct	tgatttgtgt	tgacggggcg	tcaccatgaa	ggagcccatt	tagtataaag	60
cttccaacct	tttctcttaa	tcgtttcttt	aatcttttaa	accatcttca	agtgcatagg	120
ggagtttccg	atgccagagg	atgaaagcaa	gtgctctctc	cacctctcc	tcccagagt	180

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aaaacaaatc cttttgctga tacttgtttc aaaagcatcc attgtaaagc ttctcagtga 240
cacaaaatac tgagaggtaa ctttttatca atcaaaccac atacccaat ttaacacctt 300
tcaatgctct gaattcaact gacagactaa aggggtgtttc ctgtaacagt ctgaaatatt 360
aagtgttttt tttgttttgt ttttaaactt tatttcagaa aacttcctct tggggtagga 420
aagtacacat gaagcagcaa agtaacgaag aaaaac 456

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```

<210> 591
<211> 289
<212> DNA
<213> Homo sapien

```

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<400> 591
ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt 60
agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
gcatacagga ctaggaagca gataaggaaa atgactatga gggcgtgatc atgaaagggtg 240
ataagctctt ctatgatagg ggaagtagcg tcttgtagac ctacttgcg 289

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<210> 592
<211> 435
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

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<400> 592
cgcgttagat gcgccttttc cggcctgtgc gtctgctctg gttcctctca ggcagcaaag 60
ctggggaagg aagctcaggc aggagcctcc ccgacaccac agcggcacia gcagcagcta 120
aagcaccgca ctttgctctg ctaacctttt acttaaatga ggttttgcca aatccacatc 180
tggaaccgca tcacacccat ttgcaaggat gtttggtctt tgatgaaact gcatctctac 240
tgacatgan ggctttcatt gtaggacaag aggagagttc gtttattttt gtaactgttt 300
tacatgttcc gattanttaa tcggnagctt atgtcatttg ctatgcctgt tgtcttctaa 360
tctctcctta ctaaaacatt acttcaaatt tnaattgacc cttgtttata atttatttaa 420
cgggatttgn gtgtc 435

```

```

<210> 593
<211> 633
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

```

```

<400> 593
ctgttttagtc agataattgt gtccgaattg attangaaaa taatagacca gccataaagc 60
agcataaaat attatgaaac tattccagaa gttcagtaat atctttggga cctgctcata 120
gcccagttt tgtgaatact tttgtagtta aaaaaaattt ttactttacc agggcattgc 180
aattcttttc catcagtga tttcattcta cagacttttc agagcatctc ataatacgtc 240
aacaaatcta tttcaaatgt gtttgttact aagcaacggt tgctaagagc ttctgtaatt 300

```



```

aagatgaaag ttccaaggta acaatgccca aacacagcac cattttcacc attttctgat 360
aatgcaggag taggatggct aaaagtgaaa gaagaatcta ctctatggaa agcatggcac 420
ctgaaatttc tgaagatatt ggctgtcctc tagcttatat gagagagagt gtttgtgctt 480
tactaatcaa ccagtcattt ttttcttggt tggctgaaat gtacattcca gacatgaaca 540
ggtagagtat gtgttggggg caggtttata ctgcatgggt gtgctgagac agggccacgt 600
ggtgatgtaa atgatgctgn ctgacacgtg cag 633

```

```

<210> 594
<211> 501
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G

```

```

<400> 594
cctttacaag atgctggtac cttgatcttg gacngggcag gctccaagat ggaaagaaag 60
tgagcatctg ctttttaggg attatccagt ctatactact ctgttctagc cacacaaaac 120
aggttaagac agaaattggt accaagagtg ggggtgttact acagcaaata cctgaaaatg 180
tagaagaggc tttgaaatgt ggtaattgga agaagctggt agaatttgga ggagtaggct 240
agaaaatgtc tgtattttca tgaatggagc attaagaata attccggtga ggccataggg 300
aaagtctaaa acttttcaga aattatgtaa gcgattgtga ttagtagggt ggtagaaata 360
tagacagtaa aagcaattct gatgtggttt cagaggaaaa tgaaaaatat tagaaactga 420
aggaaggggc atccttgcta taaactggca aagaacttgg ctgaaatgtc tccatgtcca 480
agagatttat ggcagaaatg t 501

```

```

<210> 595
<211> 383
<212> DNA
<213> Homo sapien

```

```

<400> 595
ctggtcacca tcatcccttt aatcaactca cacctgttta aagagtgttt ctgatttgac 60
cttcatccct tagtttactg gcggttaaaaa aagtctcagc aattttcatt atttctcggt 120
ggtctcatta tcaaaccttt acttatttctg gcataatttc tctgggcttc ttctagtttc 180
tgccttaca gcaatgctgt tctgtaaatt tattgaaacc tctggaacat ttcaccttta 240
gagatggagg atggaaggat tggtaggaga agagggctaa gatacgtttt ctgtcttgag 300
ctgaaagcac agtctactct ccttcgtttt gtcgatgaga aagttgaggc cagaggggag 360
gtgacatggt tagagtcacc cag 383

```

```

<210> 596
<211> 266
<212> DNA
<213> Homo sapien

```

```

<400> 596
ccatggctag gtttatagat agttgggttg ttggggtaaa tgagtgaggc aggagtccga 60
ggaggttagt tgtggcaata aaaatgatta aggatactag tataagagat cagggttcgtc 120
ctttagtgtt gtgtatggct atcatttggt ttgaggttag tttgattagt cattgttggg 180
tggtaattag tccggttggt atgagatatt tggaggtggg gatcaataga gggggaaata 240
gaatgatcag tactgcggcg ggtagg 266

```

<400> 600

```

agatattggg ctgttaattg tcagttcagt gttttaatct gacgcaggct tatgcggagg      60
agaatgtttt catgttactt atactaacat tagttcttct ataggggat agattggtcc      120
aattgggtgt gaggagttca gttatatgtt tgggattttt taggtagtgg gtgttgagct      180
tgaacgcttt cttaattggg ggctgccttt agg                                  213

```

```

<210> 601
<211> 471
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

```

```

<400> 601
ncctactatg ggtgttaaatt tttttactct ctctacaagg ttttttctta gtgtccaaag      60
agctgttcct ctttggacta acagttaaatt ttacaagggg atttagaggg ttctgtgggc      120
aaattttaaag ttgaactaag attctatctt ggacaaccag ctatcaccag gctcggtagg      180
tttgtgcgct ctacctataa atcttccac tattttgcta catagacggg tgtgctcttt      240
tagctgttct taggtagctc gtctggtttc ggggggtctta gctttggctc tccttgcaaa      300
gttatttcta gttaattcat tatgcagaag gtataggggt tagtccttgc tatattatgc      360
ttggttataa tttttcatct ttcccttgcg gtactatata tattgcgcca ggtttcaatt      420
tctatcgctt atactttatt tgggtaaatg gtttggtctaa ggttgtctgg t              471

```

```

<210> 602
<211> 482
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G

```

```

<400> 602
tgagcataca gcaataaaaa taacataaatt tntatgtgta caatatttat ggaatacgtt      60
actggaacag ataaataaatt tagttaataa catgacaaag aacagaaatt gtatacacta      120
tacagcatag taatagaata atgaatgatt aaagttatta atattaggta gaaaatgaag      180
ggtatctttg agagcagaac tcaaggaagc aagcaatttg ccttatgagg aaagagttac      240
ctgtggataa aggagaaact gaaaaattta caagtcaaga ctttttgagc aaaaacaaaa      300
atatgactat gagtcaccaa ttcagtacag tgaaaaaaaaa gttgaagaga tatcttggaa      360
gtaaaccatg ttgtggaaga gcagggtttt gataatcatg ggattattct gaatgaattt      420
taaatgcgat aggaatatat gagataattt caccagagaa taatatgatc atgtttgcat      480
tt                                                              482

```

```

<210> 603
<211> 372
<212> DNA
<213> Homo sapien

```

```

<400> 603
gttccaacct tcattttctga aactgttcta gagcactttg tctttctcgt agttcataac      60
ttacccttct agtctagaat tagaattaca ttatctgttt tactacttta ctagactgta      120

```

```

agctcctaga agataaggac tagggagttc atctctgtat tccaccagaa ggtacagtga      180
ctcataacta gagtcttttag atgaaactta ctgagttgaa taacttaata ttttctgtt      240
ttcattccca agggaggcca tgtctggaga tagacctga atttaataaaa ttttaggcac      300
tataaccattt cagtggagaa aattgttggg aaatttgggg ggatggatat ataaggggga      360
ggaagtcact gg                                         372

```

```

<210> 604
<211> 468
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

```

```

<400> 604
gcngttttga gtgagtttct taatcctgag ttctggnttg attgcactgt ggtctgagag      60
atagtttgtt ataatttctg ttcttttaca ctactgagg agagctttac ttccaagtat      120
gtggtcgatt ttggaatagg tgtggtgtcg tgctgaaaag aatgtatatt ctgttgattt      180
gggggtggaga gttctgtana tgtctattag gtccgcttgg tgcagagttg agttcaattc      240
ctggatagcc ttgttaactt tctgtctcgt tgatctgtct aatgttgaca gtgggggtgg      300
aaagtctccc attattattg tgtggggagtc taagtctctt tgtaggtcac taaggacttg      360
ctttatgaat ctgggtgctc ctgcattggg tgcacatata tttaggacag cnagctcttc      420
ttgttgaatt gatcccttta ccattatgta atggccttgn ctcttttg      468

```

```

<210> 605
<211> 288
<212> DNA
<213> Homo sapien

```

```

<400> 605
ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt      60
agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct      120
atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg      180
gcatacagga ctaggaaagca gataaggaaa atgactatga gggcgtgatc atgaaaggtg      240
ataagctctt ctatgatagg ggaagtagcg tctttagtag ctacttgc      288

```

```

<210> 606
<211> 572
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(572)
<223> n = A,T,C or G

```

```

<400> 606
gaatnaaatg aatgaaatag aaaatataat tgagagcttc aacaacagac tataccaaat      60
ggaggaaaaa atttctgaac ttgaagatag atcttttgaa ataacacaag cagtggcaaa      120
aatgaattaa aaagaataag gaaagcctaa aggatttatg agatatcatt aagcaagcaa      180
atattcatac tatgggcatt ccagatggaa aaaagaaggg taaaggtgag gaaatcatat      240
ttaatgaaat aatagcagaa aatttccgga gtcttgggag agagatgagc atttaggtcc      300

```

agggagctca aagaacccca aacagattca acccaaacag gtcctctctg gagcccaaca 360
tagtcaaatt gtaataagta aaagacaaag aattccaana agcattcaag agaaaagagt 420
caagtcataa ataagggaat ctccattagg ctaacagcag atatctcagc agaaaagctta 480
cangccanga gagaatggga tgatatattc aaagtacttg aaagcagggg tnggggaaac 540
cctgctagct aaaaatatta tacccttgca aa 572

<210> 607
<211> 178
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 607
ctcggggtaa tctcccagca agaggtcagg tcctggntgt gcgctccagg gtgtcagtga 60
aattggctgc tcccctgacc cagggcacct tcatgctgtc tcacagcagg actactgtga 120
ccaaggccag acctttcatc tttcaaaaaga ctttgactaa aaatgcttta aaaaagca 178

<210> 608
<211> 416
<212> DNA
<213> Homo sapien

<400> 608
cctgtctttg aatggatgaa atagggttaat aaagaacatc actgtttaaa aactagaaca 60
ctgaaaaatt ctaggaaagc ttattttccc ttatatTTTT atgggtacttt caacacttaa 120
taacactatt tcaattaagt tttctcctag agttttatagt atatcagtac attcctttct 180
gtggatgcaa taatatagaa tcttattcca aatcttactg gcaggttctc ttaaattctt 240
caacggctgt catagtgatt aacccaaaatt agttatgatt tctgcctatc tgtgtgagaa 300
cttacagggg aaattgttct aaacctgagg aacatgaagt aactgtactg cactactcaa 360
atgatgacag tcattttata tcaccttcaa ttacccaaca gcttttaata gtctgg 416

<210> 609
<211> 648
<212> DNA
<213> Homo sapien

<400> 609
ctgatctctc agcagaaact cttcaaacca gaagagagtg ggggcccaata ttcaacattc 60
ttaaagaaaa taattttcaa ccagaaattt catatccagc caaactaacc ttcacaagtg 120
aaggagaaat aaaatccttt acagacaagc aaatgctgag agattttatc accaccaggc 180
ctaccctaaa agagttcctg aaggaagcac taaacatgga aaggaacaac cagtaccatc 240
gaggctagga agaaaccgca tcaactaagg agcaaaaataa ccagctaaca tcataatgac 300
aggatcagat tcacacataa cgatattaac tttaaatgta aatggactaa atgctccaat 360
taaaagacac agactggcaa attggataaa gagtcaagac ccacaggggt gctgtattca 420
ggaaacccat ctcaccgtgc agagacacac atagggtcaa aataaagggc tggaggaaga 480
tctaccaagc aaatggaaaa caaaaaaagg caggggttgc aatcctagtc tctgataaaa 540
cagactttta accaacaag atcagaagag acaagaagag ccattacata atggtaaagg 600
gatcaattca acaagaagag ctaactatcc taaatatata ttgcaccc 648

<210> 610

<211> 310
 <212> DNA
 <213> Homo sapien

<400> 610

ccagctcttc tctgtcacat tcctatttct gactttctgcc tggctttcag tttctgcccc	60
accttggttt tttccagct tgaacctaat agaactccag agtttggggg gaggcccagc	120
cctttgtttt ctgctcttga agcatattca cacataaaaa gttgtattct cttacacaaa	180
ctgttttgag gctcttaccg tagtcgaagg tatcttagat cttccttagt gatctcatta	240
agaatatccg aaagtgtata accctcttca acaatctgaa acaaagatca gatccttaag	300
agctgagcag	310

<210> 611
 <211> 254
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 611

ctgtttttac atctaaagca atagactaga actgaattnt cttctacata gtaaaatcac	60
aattgtggaa ttacaggaat tctggtgata ttaaggtgaa acaacaaaac acaaaaggcc	120
ctattttaac agttgatgtg acagtaagtt ttaatagaac ctgtaacttc attttggaag	180
tgcttctcca ccaaataagg cctttttccc ctatttaagg agccagatgg attgaaagat	240
gtggaaatag gcag	254

<210> 612
 <211> 225
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 612

ctgactatat catgtcacca tcatagccaa tacaacattn ttgccatact tcctaaaaac	60
cttttcgcat aactgatca tgctacttat cagcactttc taacatcctg accaaacaga	120
caccacacc tcttatagag tacactgtga gagaataaca tggacttgat atggcatcac	180
acttgtttta aagcaaaaaa aaaagaaaaa gaaaagaaaa aaaaa	225

<210> 613
 <211> 471
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

09349626.050301

```

<400> 613
ccatcagact tcttgggtgc ctggctatat tcaatgtgaa gtaaaaaata tcccaagtct    60
tacaccaaaa tagaggctct gacttagaag tatgctttta gctttctttt taaataagac    120
attctggaag aaaaaaaaaa aaaaaggaaa gaaaatcaag tttgaaacac agttaacact    180
tattttggca agaaagcaac caaaatctaa aaagcataaa ctatgngtcc aaatgnaaaa    240
ggcnattacag aacaaactgc aagaggggaa aattaaagcc nactgaacg aaaaaataca    300
gtatgtctaa catttttgaa ttgnaattta aaccctaagg gcaaaagctg aaaaatcatg    360
cttanacctn ggncngnacc acnctaaggg cgaattccan cactggtgc gncgttacta    420
gtggatccna nctcgttacc aagcttggcg taatcctnng catagctgtt t              471

```

```

<210> 614
<211> 421
<212> DNA
<213> Homo sapien

```

```

<400> 614
gttatttttt agaattggctc tcccatcttg agtatgtgtg atgtttcctc atgtatgaat    60
gaagcatata catctttgtc agaagtatcc cagaagcaat tctgtactct cctcattatg    120
ttctattggg tgggccatgg tttttgattt gtctcattac tgatgatggg tacttttatt    180
atttgataaa gggtgtatat aacttatcta ttatggcata atacattagc taaaaccttg    240
gcggtgtaaa acagcagata cttacgtttc tcataggaat ggctctattg agtacctctg    300
tctcaaggct tctcaagagt ttgtagctac cttgttggct ggggttgcg tctgacctaa    360
aggcttagtt aggggttggt agaaatcttc catatgttct ttgctacgtg gacctcacag    420
g                                          421

```

```

<210> 615
<211> 242
<212> DNA
<213> Homo sapien

```

```

<400> 615
cctcctattt attctagcca cctctagcct agccgtttac tcaatcctct gatcaggatg    60
agcatcaaac tcaaactacg ccctgatcgg cgactgcga gcagtagccc aaacaatctc    120
atatgaagtc accctagcca tcattctact atcaacatta ctaataagtg gctcctttaa    180
cctctccacc cttatcacia cacaagaaca cctctgatta ctctgccat catgaccctt    240
gg                                          242

```

```

<210> 616
<211> 392
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

```

```

<400> 616
cctaatttgt agattgtgaa agcagctttt agtttaactt atttacagac cccttataat    60
taccatgttt tttttttnt tcctaaatct nttggttcag cttgngaata ttacgtgcc    120
gtaaagtngg gatgttgaat nggcccttnt ttgttctggc agngagtcaa gngtccanca    180
ttttttcata agngtttttt aaaaatngttc tccancattt tatggctcct ccctcccatg    240
tcctcaaacc cagcaaaagc gtanaggcan aattanagga cccncccggt cggccgntaa    300

```

gggcnaattc cagcncactg gcggccgtta ctagnngatc cnagctcggg nccaagctng 360
gcgtaatcat ggnccatagct gtttcctgtg an 392

<210> 617
<211> 215
<212> DNA
<213> Homo sapien

<400> 617
cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
gctgttcctc tttggactac cagttaaatt tacaagggga ttttagagggt tctgtgggca 120
aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtagggt 180
ttgtcgctc tacctataaa tcttcccaact atttt 215

<210> 618
<211> 433
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 618
cttttgntg cctgttttgt ggactggctg gctctgttag aactctgtcc aaaaagtgca 60
tggaatataa cttgtaaagc ttcccacaat tgacaatata tatgcatgtg tttaaaccaa 120
atccagaaag cttaaacaat agagctgcat aatagtatatt attaaagaat cacaactgta 180
aacatgagaa taacttaagg attctagttt agttttttgt aattgcaaatt tatatttttg 240
ctgctgatat attagaataa tttttaaatg tcatcttgaa atagaaatat gtattttaag 300
cactcacgca aaggtaaatg aacacgtttt aaatgtgtgt gttgctaatt ttttccataa 360
gaattgtaaa cattgaactg aacaaattac ccataatgga tttggttaat gacttatgag 420
caagctgggtt tgg 433

<210> 619
<211> 259
<212> DNA
<213> Homo sapien

<400> 619
ctgcagtgtc cctttttata tcatgctagt gttgagacat acttgactaa cttgggaaca 60
gttcgatata ttgacaaccg tcaacttaag aaaatcaaca gcttttggcc ccagcgtcca 120
agtgaacttt tcatggagtg cagaatctca aatggacaaa atactttgtc tttttaaata 180
ctgaaaattt aattattagt actatgactg aaagattcct catggctaaa aagctctgca 240
tcaaactcaa ttcaggagg 259

<210> 620
<211> 393
<212> DNA
<213> Homo sapien

<400> 620
ccaccaaagc cacacggaga ttctgtcagg cgctgagaca ccacagcctt ttcaatctta 60
gggaaagaaa tcaagtcata taaattaata tcaacaggta aggtcattga gcaattgtct 120

ttcaactgtc	taagacttta	tcacttaaga	tcataaacac	agaagcaggt	cataaaaaata	180
gcttttctta	aggtttagga	gaatttgtag	gggcacttac	ttgataatct	gaattttcta	240
gtcagaagtt	taaataccac	cttttaaaaa	cataaaaattt	aatttgtaac	aagttattaa	300
caaagcagta	ttgtcgaaa	ttttaagctt	tctcccaata	atttaattac	attaattaaa	360
tttttaccat	tctaattggt	acaaagtaac	cag			393

<210> 621

<211> 563

<212> DNA

<213> Homo sapien

<400> 621

ctgacaatga	taaaattatc	tctatatggg	caaacgcgtg	ctctttgtcg	aagaagaaag	60
cttcagcttc	atgttccagg	tgagttaatt	aggcaatgta	tgaatgctaa	tatctctttc	120
acataatttg	cttaagatct	gtcttaggac	tctcgtctgg	cccatatggg	tttccaaggg	180
cagaagggcc	tctttttgat	gagaggcagt	tttcagtaac	tcttaaagtg	ataacagcaa	240
aggagaggag	agagaagagt	aagacaaatc	gaaacattct	tcaattgctt	cttggccttt	300
tggctaagct	caagctcaaa	acaggtcttc	aaggagaaaa	tacatcacia	agaaaaggat	360
gtttttattc	ttacctgtgc	ctagaaaaat	ttccataaac	tctattggct	taattctgta	420
aacttgacca	atatcagagt	gcttcctacc	aaggagggta	gctgatgagc	gtgaccatgg	480
tacatcctag	aagaatgtgt	gatgaagaag	ctttcacctg	gtaaaagagt	tgaaaattat	540
tcaaggagac	attatggtct	tgg				563

<210> 622

<211> 505

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(505)

<223> n = A,T,C or G

<400> 622

tcttaagtgt	gtttaataga	taaagtaaac	tttcctagtc	aagggttaga	tttttattat	60
ctcttggtgt	ccgactttct	acttttcaac	tttgaacttc	aaaaaaacat	tactttgctt	120
atcctttgta	ctttgatcag	gttggttaga	attgtagatc	aaaccattct	ttgatcattt	180
tattgtttaa	atgnttagtt	ccattttataa	tttttatagc	caactctcgg	ttattttctgt	240
cttttgagat	tgcaattcag	aagctgtatg	tcgaagtaat	ttatgagttg	acttttatac	300
ttaggcttct	ttaaatacta	atagtcaaga	attctagagc	atctaataaa	aaattaactt	360
tcagatcatt	gggaatctgt	cctcatTTaa	atatgtgtaa	atgcattttc	acagcaaatt	420
gcttcatgcc	ctttgnctat	aaggaaatta	ttccttgtag	ctaatacatt	tttcattttg	480
cagnccaaat	cttttttgag	aaagg				505

<210> 623

<211> 489

<212> DNA

<213> Homo sapien

<400> 623

cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcctag	tgtccaaaga	60
gctgttcctc	tttggaactaa	cagttaaatt	tacaagggga	tttagagggt	tctgtgggca	120
aattttaaagt	tgaactaaga	ttctatcttg	gacaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgcttc	tacctataaa	tcttcccact	atTTtgctac	atagacgggt	gtgctctttt	240

T0E050"92964860

```
<210> 624
<211> 233
<212> DNA
<213> Homo sapien
```

```
<210> 625
<211> 459
<212> DNA
<213> Homo sapien
```

```
<210> 626
<211> 458
<212> DNA
<213> Homo sapien
```

```
<210> 627
<211> 393
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc feature
```

<222> (1)...(393)

<223> n = A,T,C or G

<400> 627

ccatnngaac	gcactcagga	ggtggtttgt	tctggatgca	gaaaccagag	atctagtttc	60
tatccacaca	gacgggaatg	aacagctctc	tgtgatgcgc	tactcaatag	atggtacctt	120
cctggctgta	ggatctcatg	acaactttat	ttacctctat	gtagtctctg	aaaatggaag	180
aaaatatagc	agatatggaa	ggtgcactgg	acattccagc	tacatcacac	accttgactg	240
gtccccagac	aacaagtata	taatgtctaa	ctcgggagac	tatgaaatat	tgtactggga	300
cattccaaat	ggctgcaaac	taatcaggaa	tcgatcggat	tgtaaggaca	tttgattgga	360
ccgacatata	cctgtgggct	aggacttcca	gga			393

<210> 628

<211> 233

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 628

ctggatttat	aaaatagttg	aatgacaaaa	gaagnntggt	ttgacagtaa	aaaaaagaca	60
ttatggacaa	aatatgcaaa	atgtgcaaag	aaaaaataaa	tttgatttag	aaaggtgggc	120
atttgatctc	tgagccctgt	gccatgtaac	attgccatgt	tctttcactg	ttgtttgaat	180
gttgtacccc	ancccttgac	tctggactta	aggcaagcta	tgactggctt	tgg	233

<210> 629

<211> 450

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 629

ccnggacaat	ntaggcagga	gaaggaaata	aaggggtattc	aattaggaaa	agaggaagtc	60
aaattgtccc	tgtttgacga	tgacatgatt	gtatatctag	aaaaccccat	tgcttcagcc	120
caaaatctcc	ttaagctgat	aagcaactcc	agcaaagtcg	caggatacaa	aatcaatgga	180
cacaaatcac	aaacattctt	atacaccaat	aacagacaaa	cagaggccaa	atcacgagtn	240
gaactctatt	ccaattgctt	tcaagaaaat	taaaatacct	agggatccaa	cttacaaggg	300
acatgaagga	cctcttcaag	gagaaactac	aaaccactgc	tcaatgaaat	aaaagaggat	360
acaaagaaat	ggaagaacat	tccatgctca	ttggtagott	gatgggggatg	gcattgaatc	420
tataaattac	cttgggcagt	atggacctca				450

<210> 630

<211> 486

<212> DNA

<213> Homo sapien

<400> 630

050301-050406

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cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga      60
gctgttcctc tttggactaa cagttaaatt tacaagggga ttttagagggt tctgtgggca    120
aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtagggt    180
ttgtgcctc tacctataaa tcttcccact attttgctac atagaagggt gtgctctttt     240
agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggctct ccttgcaaag     300
ttattttctag ttaattcatt atgcagaagg tatagggggt agtccttgct atattatgct     360
tggttataat ttttcatctt tcccttgcgg tactatatct attgogccag gtttcaattt     420
ctatcgctta tactttattt gggtaaatgg tttggctaag gttgtctggt agtaagggtg      480
agtggg                                           486

```

```

<210> 631
<211> 211
<212> DNA
<213> Homo sapien

```

```

<400> 631
tttacataaa tattatacta gcatttacca tctcacttct aggaatacta gtatatcgct      60
cacacctcat atcctcccta ctatgcctag aaggaataat actatcactg ttcattatag     120
ctactctcat aacctcaac acccactccc tcttagccaa tattgtgcct attgccatac     180
tagtctttgc cgcctgcgat gcagcggtag g                                           211

```

```

<210> 632
<211> 293
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

```

```

<400> 632
cagcgcaagt aggtctacaa gacgctactt cccctatcat agaagagctt atcacctttc      60
atgatcacgc cctcatagtc atttttcctt atctgcttcc tagtcctgta tgcccttttc     120
ctaactctca caacaaaact aactaatact aacatctcag acgctcagga aatagaaacc     180
gtctgaacta ngctgcccgc catcatccta gtcctcatcg ccctcccatc cctacgcatac     240
ctttacataa cagacgaggt cnacgatccc tcccttacca tcaaatcaat tgg                293

```

```

<210> 633
<211> 263
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(263)
<223> n = A,T,C or G

```

```

<400> 633
nggtctgcag tgtccctttt tatatcatgc tagtggtgag acatacttga ctaacttggg      60
aacagttcga tatattgaca accgtcaact taagaaaatc aacagctttt ggccccagcg     120
tccaagtga cttttcatgg agtgcagaat ctcaaaggga caaaatactt tgtcttttta     180
aatactgaaa attnaattat tagtactatg actgaaagat tcttcatggc taaaaagctc     240
tgcacaaac tcaattcagg agg                                           263

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<210> 634
 <211> 491
 <212> DNA
 <213> Homo sapien

<400> 634
 cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gctgttcctc tttggactaa cagttaaatt tgcaagggga tttagagggg tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtaggt 180
 ttgtcgctc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggctct ccttgcaaag 300
 ttatttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct 360
 tggttataat ttttcatctt tcccttgctg tactatatct attgcgccag gtttcaattt 420
 ctatcgcta tactttattt gggtaaattg tttggctaag gttgtctggt agtaaggtgg 480
 agtggggttg g 491

<210> 635
 <211> 270
 <212> DNA
 <213> Homo sapien

<400> 635
 ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt 60
 agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
 atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
 gcatacagga ctaggaaagca gataaggaaa atgactatga gggcgtgatc atgaaagggtg 240
 ataagctctt ctatgatagg ggaagtagcg 270

<210> 636
 <211> 383
 <212> DNA
 <213> Homo sapien

<400> 636
 cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gctgttcctc tttggactaa cagttaaatt tacaagggga tttagagggg tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtaggt 180
 ttgtcgctc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggctct ccttgcaaag 300
 ttatttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct 360
 tggttataat ttttcatctt tcc 383

<210> 637
 <211> 537
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(537)
 <223> n = A,T,C or G

<400> 637

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ttttaatcct	ggggtatata	ggcagnactt	taaattgcaa	agtcttccgg	gcctattttc	60
ctctacattt	ttgtaattaa	ctctgggggc	ttacttggtt	tggcagtact	gaaatcaaag	120
gagctgggtc	ttctttttct	ccaattattt	tcatatgaaa	gcacctacaa	ttagcctgtt	180
agtcctattc	agatacatca	aatatcagtg	aatgctttac	tattcgcaca	tttaagcatc	240
tttgttttac	ataaaattag	agtatgaaaa	ccagtgttca	attttttatc	ttgttgagct	300
tgtaaaatgc	cagcaattta	aaactaggac	ttttccccc	ataagccaag	gaggtagaat	360
tactaataca	aggggttaaag	aaggtagatt	ttgttttcaa	tatttggtga	atattagaaa	420
gattcttccc	acagggaaga	actagcaagt	gtcccaattt	tttccaaacg	ttggggaggg	480
gaaaattcac	tgtatcatga	aaccctaagg	gtttgngtgc	acttctgtct	ttttagg	537

<210> 638

<211> 445

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(445)

<223> n = A,T,C or G

<400> 638

ccagcagaac	acagnagtga	tttgggtccc	tttgttcccc	agtgggggtat	ctatccttgt	60
gcagggcaca	agcctacatg	gtggctctgg	tcatatcatt	agaaaaataga	cagaaatggg	120
ctgcacacca	gaatgaatga	attgaattga	aaggaggagg	tgatggtgga	aaaaaaaaaca	180
agtcaattca	tttagactgg	tagaaccaga	accactgtgt	agtacatcca	aacggttaaa	240
attccctgga	agatgttaca	taatcctatc	atggtgttta	tttatggaaa	tctattttaa	300
aaattttatg	taatactgca	cagtctgttt	gcatgatgcc	ttgtacgtag	tagcaactca	360
gtaaataactt	tttgaatgaa	ctagtatagt	attttaatta	gctagtcttc	gtgtactggt	420
acaaaagaac	agtgtcatct	tacag				445

<210> 639

<211> 584

<212> DNA

<213> Homo sapien

<400> 639

gcttgagtat	tctatagtgt	cacctaaata	gcttggcgta	atcatggtca	tagctgtttc	60
ctgtgtgaaa	ttgttatccg	ctcacaattc	cacacaacat	acgagccgga	agcataaagt	120
gtaaagcctg	gggtgcctaa	tgagtgaagt	aactcacatt	aattgcgttg	cgctcactgc	180
ccgctttcca	gtcgggaaac	ctgtcgtgcc	agctgcatta	atgaatcggc	caacgcgcgg	240
ggagaggcgg	tttgcgattt	gggcgctctt	ccgcttcctc	gctcactgac	tcgctgcgct	300
cggtcgttcg	gctgcggcga	gcggtatcag	ctcactcaaa	ggcggtaata	cggttatcca	360
cagaatcagg	ggataacgca	ggaaagaaca	tgtgagcaaa	aggccagcaa	aaggccagga	420
accgtaaaaa	ggccgcgttg	ctggcggttt	tccataggct	ccgccccct	gacgagcatc	480
acaaaaatcg	acgctcaagt	caagaggtgg	cgaaacccga	caggactata	aagataccag	540
gcgtttcccc	ctggaagctc	cctcgtgcgc	tctcctgttc	cgac		584

<210> 640

<211> 404

<212> DNA

<213> Homo sapien

<400> 640

ccataggaac	gcactcaggc	aggtgggttg	ttctggatgc	agaaaccaga	gatctagttt	60
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<400> 644

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<210> 645
<211> 484
<212> DNA
<213> Homo sapien
```

<400> 645

```
<210> 646
<211> 447
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(447)
```


<223> n = A,T,C or G

<400> 646

gggtcgcgtt	gaacaacttg	gttcaagatg	gtgggggcat	ttttagagcg	gcaataattg	60
aaaaaaaaag	cgaactctgc	cttggagagg	tagatgataa	gaaataaaaa	ggtgtttata	120
actattttgt	attataaaagt	gggccttaga	gataggaaga	agaatgatgg	attccttttg	180
gatcaatcag	aaaggaaaca	cgaaagaaaa	gtcaggaagg	tagagagaga	aaaagggagg	240
gaaggagaaa	gaatgggaat	aaaataagga	ggtaagagat	actatttttg	ctgagcaacc	300
agtgtgtttc	aggatgatac	aaagaaaaat	atagaataga	aataagtgca	ggcttggaat	360
cagctacaaa	tcctaaagat	ggggtgtgtg	tggatgtgtg	tgtgtgtgtg	tgnacaccat	420
tgtgtgtttg	taaaatgtgt	atgtccc				447

<210> 647

<211> 388

<212> DNA

<213> Homo sapien

<400> 647

gaaggtgata	taaaatgact	gtcatcattt	ggagtgtgca	gtacagttac	ttcatgttcc	60
tcaggttttag	aacaattttcc	cctgcaagtt	ctcacacaga	taggcagaaa	tcataactaa	120
ttttggttaa	tcactatggc	agccgttgaa	gaatttaaga	gaacctgcca	gtaagatttg	180
gaataagatt	ctatatattt	gcatccacag	aaaagaatgt	actgatatac	tataaactct	240
aggagaaaac	ttaattgaaa	tagtgttatt	aagtgttgaa	agtaccataa	aaatataagg	300
gaaaataaag	tttcctagaa	tttttcagtg	ttctagtttt	taaacagtga	tgttttttat	360
taacctattt	catccattca	aagacagg				388

<210> 648

<211> 632

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 648

cctggctggg	cntttgacct	gcgnttttaa	atnactcaca	gaggggtgga	caggaggaag	60
agtgaaggaa	aaggtcaaac	ctgttttaag	ggcaacctgc	ctttgtttctg	aattgggtctt	120
aagaacatta	ccagctccag	gtttaaattg	ttcagtttca	tgcagttcca	atagctgac	180
attgttgaga	tgaggacaaa	atcctttgtc	ctcactagtt	tgctttacat	ttttgaaaag	240
tattattttt	gtccaagtgc	ttatcaacta	aaccttgtgt	taggtaagaa	tggaatttat	300
taagtgaatc	agtgtgacct	ttcttgtcat	aagattatct	taaagctgaa	gccaaaatat	360
gcttcaaaag	aagaggactt	tattgttcat	tgtagtccat	acattcaaag	catctgaact	420
gtagttttcta	tagcaagcca	attacatcca	taagtggaga	aggaaataga	tagatgtcaa	480
agnatgattg	gtggagggag	caagggttgaa	gataatctgg	ggttgaaatt	ttctagttnt	540
cattccgtac	atttttagtt	agacatcaga	tttgaaatat	taatgttacc	tcctcaatgg	600
ggtggtatca	gacctgcccc	ggcggncggn	tc			632

<210> 649

<211> 300

<212> DNA

<213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 649

nggtgaagat	agaanaaata	taagcgaaat	tggataaaat	agcactgaaa	aaatgaggaa	60
attattggta	accaatttat	tttaaaagcc	catcaattta	atttctgggtg	gtgcagaagt	120
tagaaggtaa	agcttgagaa	gatgagggtg	tttacgtaga	ccagaaccaa	tttagaagaa	180
tacttgaagc	tagaagggga	agttgggtta	aaatcacatc	aaaaagctac	taaaaggact	240
ggtgtaattt	aaaaaaaaact	aaggcagaag	gcttttggag	agttagaaga	atttgggaag	300

<210> 650
 <211> 498
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

<400> 650

ngtntctgnta	aacagaaggg	tacaangccc	ttctggcttt	aagcagtcac	aggaatgtga	60
cagacattcc	tcttagggag	cgcctcctcc	taggggtttcc	tcattctgtct	cacactgagt	120
ggatgtaatg	ctattttaat	cctgctgtgg	cccccaatac	tagtacttgt	ccataccttc	180
ttgcattttt	agcgtctgct	ctgtgggggt	gttagggcct	ggcactccca	ggaactagt	240
ctaaagctgc	atctntctct	cccctctagg	gatcgataaa	gtttcactgc	agaaagtctc	300
cactgcggta	tgctgacatc	tgccctgaac	cttcacccta	cagcattaca	ggctttaatc	360
agattctgct	ggaaagacac	aggetgatcc	acgtgacctc	ttctgccttc	actgggctgg	420
ggtgatcctt	ggtgcctttg	tttccacaag	gccttttctc	gccccctgcc	ttgccaaaaga	480
catttaatca	gcacacag					498

<210> 651
 <211> 654
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 651

ctgagggtcc	ccagggtttct	aaagctctca	ggacgagaaa	gtaggtccca	agataaggag	60
cctaaagggc	ttttttcttt	ctgtgtattc	cttcttggcc	tccaacatgg	gtacagtcac	120
aagagcatgt	aacagagaag	aaggactana	cctaccattt	tctggataaa	gaattggaaa	180
gaggatccac	aggtaaccaa	aaagtaccag	ggaaatggca	gagaaggaaa	acctcaggag	240
accaacctca	taagtgggat	ttattagngc	ctgggctcaa	atccaaattg	tacatgaata	300
tgtctgggtc	tagatagggt	accgaagact	ttgaaagtga	attttggtat	atcattgccc	360
agattccaga	ctggntattg	tgtgacacaa	catacaggat	atatctgaat	agtgctcaga	420
agagtttgaa	aatgcaaattg	atattaaaat	aaagatgaaa	aagagaaaagc	tggtcagaac	480
ttgtggacat	aacccttctg	gatctgtngc	ctgattaaaa	aatagttgat	attctcgaat	540
gaattaaaac	aagattttaga	gactgagcat	ggtagctnat	tcttgtaatc	caacnctttg	600

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ggagggcaag gcaanagaat tgcttgccgc caggagtttt gagaccagct tggg 654

<210> 652
 <211> 293
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 652
 ngctctgttgc actgaggtga ctaaggatac attttgagga agtagctcca agaacatttc 60
 cattttcact gtgccttcac atacatctaa tggaaatgaa cagcaccctt catccatcca 120
 cggaagcgat taagaaaagg gtgggatgga aaaattaacc caacaatatt agatcaatac 180
 gtagtattta agngtccata atgtgccagg ctgaagatgc acgggaaaac cacactagcc 240
 ggtctgtcaa gggcttgaga ataccataaa caagaaaaca gacgaaccaa ttt 293

<210> 653
 <211> 294
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 653
 ngtcaccac tgcagcccta catacagttg aaaaaaaatt ccattctgtt aacattttgtt 60
 ttataagttt tcacgcaata cacaaaaaac ccctctgcac ttcttgtaaa gaacaaaaaa 120
 gatacacaac agttaagcgt aaagatcaca ggcaatagca ttcaaacatg gatgtgggta 180
 gagaaaggag tacctggcat gagtacctgc ttagtttgac tgaatccttg atttttaatt 240
 tggcttttca tgggcccgtc acaacaccaa cgctgtgtga ggtatggtag tcag 294

<210> 654
 <211> 250
 <212> DNA
 <213> Homo sapien

<400> 654
 ctgtccttga acaagtatca atgtgtttat gaaaggaaga tctaaatcag acaggagtgtg 60
 gtctacatag tagtaatcca ttgttggaat ggaacccttg ctatagtagt gacaaagtga 120
 aaggaaattt aggaggcata ggccatttca ggcagcataa gtaatctcct gtcctttggc 180
 agaagtcct ttagattggg atagattcca aataaagaat ctagaaatag gagaagattt 240
 aattatgagg 250

<210> 655
 <211> 494
 <212> DNA
 <213> Homo sapien

<400> 655

FOE050"92964360

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ccattataat tttataacac cattaccctt taaattctac cgattataag cagcgtaaaa    60
gtaactatat aaagcaaaca tcgcaaagga actctgcagg agctcttaat tcctttatgt    120
agctatcata aaattcactt tcctgaagac atttactctc attcacttcc aaactccaaa    180
cctttttctg gtagcaccac ttttgTTTTT aatagaaaga tgagttcata tctgtacatc    240
tctccaaagc tctaaggaat gagaaaagga tcctagtata ttgaaattac tgatgtttaa    300
tacctctgcc ttttactaa aagccattta atatttttaa agtcaaaact tgacatacag    360
gtatttataa ggaatctcca tgactctgaa ggaatgaaat tgatgtaggt agctttggct    420
atgtaaagac atagtagagg acaattactt aaagaagagt tttcttttga ggattttag    480
atttgactaa gcag                                         494

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<210> 656
<211> 477
<212> DNA
<213> Homo sapien

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<400> 656
cgcgttactg tacatatgtc tagcaggaga caactggaaa tactaaacaa atactggaat    60
tcacattaca gacagacgaa accaacaagg atgccacaca taacttcctt tgtagtttca    120
cagagggcct atttgtggtt gctcaggtgg ggtcacatat tgcttgacaga aatggcctga    180
tcatagctct atgaaacaat gaattcggaa tgaaatctta ccatgacacc tctctgtagg    240
aaagaaatgt tgcttcacgt gtgctaagtt gagataataa tatttcacat atttatatac    300
agagaatcac tctcaaattt aacccaagat aagcaatagg atttgggggt gacttgtaca    360
catttctaac aacacttttc ttttttctag aggtcactct caaacactga tatatcacta    420
tagtttgagt gtagggattc agtaatcaaa gggtgttatt gcaaaagagc caggcag    477

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<210> 657
<211> 576
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

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<400> 657
cctctacctg tanatcacta tttttctaaa gacaatttgg tgttttgaag ataaatgtca    60
ttagtctatg ataatagcat cataggacaa ttagccattt tagacttgac catattttct    120
cttttttagca tatagccatc ttgatattta ggtgggagac tactccaatg gagcaacagt    180
ttcatTTTtac atgattggat ttagaaattt acaaatttta aactcataag aattctaaat    240
aatttgaaaa tggaaacatt tgaccacag tctagcagca taaatacatt tataaaatac    300
ttcattgttg atcttaggtc attgatttaa aacagaattt ggtgactatg ggcagggtgga    360
gggggccagt gaggaaggta taaaagagaa atctttatga attgtgttca gattgatttt    420
gtataaacat aatatattca tggttgatc tcttatttat aataccaac taacatgaag    480
gtggtccaag ggaaggatca atatttttaa taacatattt gcttaaaata tcatacagt    540
gctgcttcat aaaaaatctt ataaactttt attacc                                         576

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<210> 658
<211> 344
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature

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<222> (1)...(344)

<223> n = A,T,C or G

<400> 658

cctgaaaaga	aagntgctct	tatggactct	tgcattgttaa	gactatgtct	tcacatcatg	60
gtgcaaata	catgtaccca	atgactccgg	ctttgacaca	acaccttacc	atcatcatgc	120
catgatggct	tccacaaaagc	attaaacctg	gtaaccagag	attactgggtg	gctccagcgt	180
tgtagatgt	tcatgaaatg	tgaccacctc	tcaatcacct	ttgagggcta	aagagtagca	240
catcaaaagg	actccaaaat	cccataccca	actcttaaga	gatttgcct	ggtacttcag	300
aaagaatttt	catgagtgtt	cttaattggc	tggaagagca	ccag		344

<210> 659

<211> 230

<212> DNA

<213> Homo sapien

<400> 659

ctgctttccc	tgctaaacag	ttccagagca	aaagcagcaa	aaagaaaata	tgggagggat	60
atgggcaacg	tatactcgaa	cgtacgcaga	gaagagagta	cggtagctc	taatatttct	120
cattgaactt	ggtggatgt	gccttccctg	catataaggc	catagtgtt	ttttgggagc	180
gctagaatat	ccatccactt	gacagtgacc	acaaaatagg	ctgtttccag		230

<210> 660

<211> 80

<212> DNA

<213> Homo sapien

<400> 660

ctggctccttg	ttaaactcga	tcaccacttt	ggagagatcg	actggaggct	cctgggtgtt	60
ctgagggggcc	tgggggacag					80

<210> 661

<211> 535

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(535)

<223> n = A,T,C or G

<400> 661

ctgaaccata	tctgattaac	tctttgggtct	ctgttatttg	aacaaaaccg	acgctatgcc	60
tgagccgcc	agactgcaac	caaaaacaca	gtttgggggtc	agaagacatt	aaaaatcaca	120
ataaaatagg	atgaatgttc	taagtacgc	aactgaatca	aggcaccttt	ttttttcaaa	180
agcaaaaagt	tgtttaacaa	tattccagaa	tagtagatac	ttcaaaaacc	agattacagt	240
atatatcatt	ttgctgcaca	ttttagtcta	ttttctgtat	acatagtcac	acattcttta	300
ccctctccca	acttatacat	gctttatccc	cccagtcagt	tgctatgtag	gtataaaaaa	360
ataaagtgtg	atctaaacaa	gtgatttaaa	aaaaaaaaact	aacgaatgcc	ncnatnataa	420
cnetgaactt	gtttccctnt	tgaaggacat	tggaatgtt	accgaggttn	ntttacctng	480
gccgcaaccn	cnetangggc	naattccagc	ncactggggg	ccgttactag	gggat	535

<210> 662

<211> 257

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<212> DNA
<213> Homo sapien

<400> 662

cctgactaaa	gcacatatca	cactccctac	acttccatgt	tttctctccc	atgtggaccc	60
tctgatgcat	atcaagattc	aagcgctgt	tgtagccctt	cccacagtcc	tcacatttgt	120
atggcttttc	tacactgtga	actttttctt	gcactttaga	gaatgaattc	tgtacaatgt	180
tcttcccatg	ctgctcacat	ttgagaggtg	tttctctgct	gtggcgtctc	tgatgggtca	240
gacgagttga	ggaccag					257

<210> 663
<211> 516
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature
<222> (1)...(516)
<223> n = A,T,C or G

<400> 663

ccaattatag	gtatttttatt	ttttaaaagat	tagagngttc	ttgaagctct	ttctatttct	60
ttgtcaatga	actaaacatt	ggcaaataatg	tagggtttcc	cacataagaa	cattattaac	120
atcaaaaatag	aaagctgggtg	gtagaaataa	tgattgggaa	cacagagtct	ctactcagcg	180
ttctacttct	gccataccat	aactttgtga	tctcacgaaa	tatctctcca	tgttctcatc	240
cctatgtata	gttctgtcat	ttttcaataa	gagctttttg	cttaattatg	aagtactagt	300
tactataacc	attatttttga	gcttcatgta	aatcaagaac	acatggactc	cacttgcaaa	360
acattgaaaa	tgtagttagg	gattgggggc	aaaaagcaac	attttaaaat	gtgtaaagac	420
aatgagtaag	caacaaagtg	tccaattttt	taggcgaaag	ttgcatatgt	caggaaaagg	480
caggattaag	taatagagaa	tttgaatgat	aactgg			516

<210> 664
<211> 212
<212> DNA
<213> Homo sapien

<400> 664

gtccgaggag	gttagttgtg	gcaataaaaa	tgattaagga	tactagtata	agagatcagg	60
ttcgctcttt	agtgttgtgt	atggctatca	tttgttttga	ggttagtttg	attagtcatt	120
gttgggtggt	aattagtcgg	ttgttgatga	gatatttgga	ggtggggatc	aatagagggg	180
gaaatagaat	gatcagtact	gcggcgggta	gg			212

<210> 665
<211> 408
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 665

atccaggggt	ncccggtngc	tgcnnggaaa	cctccagcct	tgtttttcaa	accaactcagc	60
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tcattgtgttt	tgcgctgact	agtactgaat	aatacaacca	ctcttatttta	atgttagtat	120
tattttatttg	acaactcagt	gtctaacagc	ttgatatgca	ggtccttgca	tcctacattt	180
cttttaggaag	ttacccattt	gtaactttta	aaacaggaaa	aatatcagtt	ggcaaagtga	240
atctttttttt	tttttaagct	aaaggggggn	naacngnaan	naaaatnttt	ntgangtngg	300
gtctataagc	acccttgang	ggatntgtta	aaagnncat	naanggggga	ttctcntttt	360
gcaaaaaaat	ntaannatca	atttatanan	ctttattttt	nactttnt		408

<210> 666
 <211> 635
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(635)
 <223> n = A,T,C or G

ctgaagnaca	agggtcaggc	aaaaataaga	tcacaatcac	caatgaccag	aatcgctga	60
cacctgaaga	aatcgaaagg	atgggttaatg	atgctgagaa	gtttgctgag	gaagacaaaa	120
agctcaagga	gcgcattgat	actagaaatg	agttggaaag	ctatgcctat	tctctaaaga	180
atcagattgg	agataaagaa	aagctgggag	gtaaacccttc	ctctgaagat	aaggagacca	240
tggaaaaagc	tgtagaagaa	aagattgaat	ggctggaaag	ccaccaagat	gctgacattg	300
aagacttcaa	agctaagaag	aaggaactgg	aagaaattgt	tcaaccaatt	atcagcaaac	360
tctatggaag	tgcaggccct	cccccaactg	gtgaagagga	tacagcagaa	aaagatgagt	420
tgtagacact	gatctgctag	tgctgtaata	ttgtaaatac	tggactcagg	aacttttggt	480
aggaaaaaat	tgaagaagaa	tanctctcga	atgtcattgg	aatcttcacc	tcacagtggg	540
gttgaaactg	ctatagccta	agcnggctgt	ttactgnttt	ncattagcag	gtgctcacca	600
tgtctttggg	gtggnggggg	ggagaaagaa	agaan			635

<210> 667
 <211> 388
 <212> DNA
 <213> Homo sapien

gaaggtgata	taaaatgact	gtcatcattt	ggagtgtgca	gtacagttac	ttcatgttcc	60
tcaggttttag	aacaatttcc	cctgtaagtt	ctcacacaga	taggcagaaa	tcataactaa	120
ttttggttaa	tcactatggc	agccgttgaa	gaattttaaga	gaacctgcca	gtaagatttg	180
gaataagatt	ctatattatt	gcacccacag	aaaagaatgt	actgatatac	tataaactct	240
aggagaaaac	ttaattgaaa	tagtgttatt	aagtgttgaa	agtaccataa	aaatataagg	300
gaaaataagc	tttcttagaa	tttttcagtg	ttctagtttt	taaacagtga	tgttttttat	360
taacctattt	catccattca	aagacagg				388

<210> 668
 <211> 498
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

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<400> 668

tgatcttaac	aaaattcgta	gcagtggaa	cttgaaatgc	atgtggctag	atztatgcta	60
aaatgattct	cagtttagcat	tttagtaaca	cttcaaaggt	ttttttttgt	ttgttttcta	120
gacttaataa	aagcttagga	ttaattagaa	gaagcaatct	agttaaattt	cccatttgta	180
ttttattttc	ttgaatactt	ttttcatagt	tattcgttta	aaaagattta	aaaatcattg	240
cactttggtc	agaaaaataa	taaatatatc	ttatgaatgt	ttgattccct	tccttgctat	300
ttttattcag	tagatttttg	tttggcatca	tgttgaagca	ccgaaagata	aatgattttt	360
aaaaggctat	agagtccaaa	ggaatgttct	tttacaccaa	ttcttccttt	aaaaatntct	420
gaggaatttg	ttttgcctt	actttttttt	cttctgtcac	aatgctaagn	ggtatccgag	480
gttnttaata	tgagattt					498

<210> 669

<211> 622

<212> DNA

<213> Homo sapien

<400> 669

ccttagccaa	agaatgcagt	ggagccttcc	cccttcaact	gcattgtgaa	tgaataccaa	60
ttaacagcat	aaaaattaat	agtcccatat	cagatctgga	aggggtttct	ggggctgtct	120
gatgtcccta	tcctgtttga	gtgaacacaa	tagcagaaaa	ttctttctgg	gtccatctgc	180
tataaagtct	tggtaaaaa	gcattactat	gaagaggatg	aactcaccta	ccttcagatg	240
gaggaaaagt	gaaaaggact	taggctttag	tcctccatga	cttttcttaa	gcactaccta	300
cctgtaataa	gctgagtgca	aaaggatgcc	gaagaaaatc	tgcaaccaga	agctgttaga	360
aagcactgca	gagaacaggg	tatgaagaaa	ataaagagtt	cttaataaac	ccttaagatt	420
ctttgttcaa	ggtaaccttg	ccaaaagggc	agagttagtg	gcaaagagtt	gcttttaatc	480
tagctctaca	ctgcatttga	aaataaaaatt	tgcccatttt	gaatatattg	tttataatta	540
aatgtgcttt	ttacactgca	ggtcaatata	aaaactgggt	agtaaatttc	cagcgagcat	600
ttatgttcat	ttgctcacag	ca				622

<210> 670

<211> 477

<212> DNA

<213> Homo sapien

<400> 670

ttgggccctc	tagatgcatg	ctcgagcggc	cgccagtgtg	atggatatct	gcagaattcg	60
cccttgccgc	ccgggcaggt	gatggatgag	gagcaaaaa	tttatacgga	tgatgaagat	120
gatatctaca	aggctaataa	cattgcctat	gaagatgtgg	tcgggggaga	agactggaac	180
ccagtagagg	agaaaataga	gagtcaaacc	caggaagagg	tgagagacag	caaagagaat	240
atagaaaaaa	atgaacaaat	caacgatgag	atgaaacgct	cagggcagct	tggcatccag	300
gaagaagatc	ttcgaaaga	gagtaaagac	caactctcag	atgatgtctc	caaagtaatt	360
gcctatttga	aaaggttagt	aaatgctgca	ggaagtggga	ggttacagaa	tgggcaaaat	420
ggggaaaggg	ccaccaggct	ttttgagaaa	cctcttgatt	ctcagtctat	ttatcag	477

<210> 671

<211> 127

<212> DNA

<213> Homo sapien

<400> 671

gtgtgtgtgt	ctacttgggc	gtgtttaacg	tgtgcgtttg	tgtctgcgtg	tgcatgtgtc	60
tgtgtgtgcg	cgtgtatttc	agtttgggtt	gccggatccc	atatgattgc	gtgcctgtgt	120
acctgag						127

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<210> 672
 <211> 400
 <212> DNA
 <213> Homo sapien

<400> 672
 gggctctgcac agctatgtta acagcatcct tataccagga gtaggaggaa agacacgact 60
 ggaaaagcaa ttcaagctgg tcacacagtg taatgcaaaa tatgtggaat gtttcagtg 120
 tcagaaagag tgtaacaaag aaaagaacag aaactcttca gttgtgccat ctgagcgtgc 180
 tcgagtgggt cttgcaccat tgcctggaat gaaaggaaca gattacatta atgcttctta 240
 tatcatgggc tattatagga gcaatgaatt tattataact cagcatcctc tgccacatac 300
 tacgaaagat ttctggcgaa tgatttggga tcataacgca cagatcattg tcatgctgcc 360
 agacaaccag agcttggcag aagatgagtt tgtgtactgg 400

<210> 673
 <211> 600
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 673
 ctggcggttg tcattagtga atgtatgaca gcaggatgtg aggggatgcc caggagtcag 60
 tgtttagcatt gtcactctgag atcactgcta ttaatatcat ccattaattt attagtgagc 120
 ttactatata gcagactggg agataaggag aaaatctgtc acattctctc tagctaataca 180
 gatcagctac caattaatga gattctgaat gaaatatcaa tatgtgtttt tctaatttgg 240
 acctaggaca gagctgttgc ttgtcataga gaaaaacaat aatgcttaaa catagcacat 300
 tataattaaa gcaggtttct cacatacttt tcatittatc ctttggataa ttttgtgagg 360
 aacgcaggac accaacttcc ctttcataga tacaatcccc atgctattga tgaaagtgtt 420
 tttgaatgaa gccatacaac aaataactga tcaaagtggc attacaccaa aatttcttag 480
 taggactcct gcatagaatg tttagataga cgtgaaaagt ttgttcanga ggaccagcaa 540
 gagagaaact gggttctttg ggagggtttc ggtgctacat ttataccctn catcagagtn 600

<210> 674
 <211> 140
 <212> DNA
 <213> Homo sapien

<400> 674
 ggtgggttgg gttaatgagt gaggcaggag tccgaggagg ttagttgtgg caataaaaat 60
 gattaaggat actagtataa gagatcaggt tcgtccttta gtgttggtga tggctatcat 120
 ttgttttgag gttagtttga 140

<210> 675
 <211> 245
 <212> DNA
 <213> Homo sapien

<400> 675
 gttgggtggg ttggtgtaaat gagtgaggca ggagtcaggag gaggttagtt gtggcaataa 60
 aatgattaa ggatactagt ataagagatc aggttcgtcc tttagtgttg tgtatggcta 120

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tcattttgttt tgagggttagt ttgattagtc attgttgggt ggtaattagt cggttgttga 180
 tgagatattt ggaggtgggg atcaatagag ggggaaatag aatgatcagt actgcggcgg 240
 gtagg 245

<210> 676
 <211> 621
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 676
 ctgtccccag ggnaaatagt ngaattcaac taagatctgt taataagatg tcagaataac 60
 taataatttt attaggaaaa aatcatgttt taaatttcaa aatgacactt atttgtcaag 120
 taatatgata ttggaaaatt ttaaagaaaa ataatcctac ttataaacta cttttttata 180
 attgttttca gaaaaaaagt ttacagtctt aaggaaaata ttcaggctca tcatatgggt 240
 tgacagattt tttaaaagtt atttttggta aggtcttctt ttagaaaaaa attaatctca 300
 agggtttttt gtaccactat aatctctaact acttactcag aattactgtg tatttactta 360
 atttcttatt atgtgcctta ttatgtgctt aagatacaat aggttagagt ttaatctaaa 420
 tatcttgaaa gctatattgt gggcttggta agcattttgt tttttctttc tctgttttgg 480
 taaggattta aaattttttt cattgcaatt ttaagtgggt ttcaataagt aatagttttt 540
 atcaaatttt tgggtgcttg tgcagagacg gcgtggggaa ggggtgaatgg ttttggaat 600
 aattcagtgc acacctgggg g 621

<210> 677
 <211> 210
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(210)
 <223> n = A,T,C or G

<400> 677
 tttacataa atattatcag catttaccat ctcaattcta ggaatactag tatatcgctc 60
 acacctcata tctccctac tatgcctaga aggaataata ctatcactgt tcattatagc 120
 tactctcata accctcaaca cccactccct cttagccaat attgtgccta ttgccatact 180
 agtctttgcc gcctgcgaag cagcggttagg 210

<210> 678
 <211> 383
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 678

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<210> 679
<211> 371
<212> DNA
<213> Homo sapien
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```
<210> 680
<211> 176
<212> DNA
<213> Homo sapien
```

```
<210> 681
<211> 152
<212> DNA
<213> Homo sapien
```

```
<210> 682
<211> 141
<212> DNA
<213> Homo sapien
```

```
<210> 683
<211> 308
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<212> DNA

<213> Homo sapien

<400> 683

ccagcaatgg	tacagagtga	gggtgttctg	ctaatagactt	cagagaagta	tttaagaaaa	60
acatagaaaa	acgtgtgcgg	agtttgccag	aaatagatgg	cttgagcaaa	gagacagtgt	120
tgagctcatg	gatagccaaa	tatgatgcca	tttacagagg	tgaagaggac	ttgtgcaaac	180
agccaaatag	aatggcccta	agtgcagtgt	ctgaacttat	tctgagcaag	gaacaactct	240
atgaaatgtt	tcagcagatt	ctgggtatca	aaaaactaga	acaccagctc	ctttataatg	300
catgtcag						308

<210> 684

<211> 277

<212> DNA

<213> Homo sapien

<400> 684

tggtattag	attaggatgt	gtgaagtata	gtacggatga	gaagggtggg	gaacagctaa	60
ataggttgtt	gttgatttgg	ttaaaaaata	gtagggggat	gatgctaata	attaggctgt	120
gggtggttgt	gttgattcaa	attatgtgtt	ttttggagag	tcatgtcagt	ggtagtaata	180
taattgttgg	gacgattagt	tttagcattg	gagtaggttt	aggttatgta	cgtagtctag	240
gccatatgtg	ttggagattg	agactagtag	ggctagg			277

<210> 685

<211> 457

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 685

ctgtggcgtn	ccctacttct	cccaaactc	gcaactccct	cccaggacag	tcagtgccaa	60
agaaacaggt	cgctgaaaac	taaaatgtcc	acatccctaa	ctggcaaccc	acatcaaccc	120
caaaaggttg	aagaatcatc	taagatattt	cagatgctct	atgaagaaat	tcactttaac	180
acttataact	gtaagacttt	gcatacatta	caacagtgca	ttagtgatac	aagttgtaaa	240
atacgtttcc	attccttttg	attttgcata	tgatggtttt	gcatcagtca	ctgcaggtag	300
attgagcaag	ctttttgtgt	ttgttttttt	aaacatgcat	tcaactagat	atgattcaga	360
atagattaat	actccctttt	tatcactaca	gtttagctaaa	aaattgccag	gcagtccaca	420
aaacagaatt	tgctttaaga	ccaaccaca	gagtcag			457

<210> 686

<211> 234

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(234)

<223> n = A,T,C or G

<400> 686

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ntggatttat aaaatagttg caatgacaaa agaagtatgt tttgacagta aaaaaaagac      60
attatggaca aaatatgcaa aatgtgcaaa gaaaaaataa atttgcatta gaaaggtggg      120
catttgatct ctgagccctg tgccatgtaa cattgccatg ttctttcact gttgtttgaa      180
tgttgtaccc cagcccttga ctctggactt aaggcaagct atgactggct ttgg          234

```

```

<210> 687
<211> 315
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

```

```

<400> 687
nngtctgtga aaaactcttt ggatgattct gccaaaaagg tacttctgga aaaatacaaaa      60
tatgtggaga attttgggtct aattgatggt cgcctcacca tctgtacaat ctctgttttc      120
tttgccatag tggctttgat ttgggattat atgcaccctt ttccagagtc caaaccggtt      180
ttggctttgn gtgtcataat ctattttgtg atgatgggga ttctgaccat ttataacctca      240
tataaggaga agagcatctt tctcgtggcc cacaggaaaag atcctacagg aatggatcct      300
gatgatattt ggcag          315

```

```

<210> 688
<211> 522
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(522)
<223> n = A,T,C or G

```

```

<400> 688
ctgaattaga ggaggagaaa agaagccatt nnggagtact ttaattgttt agatgtgaga      60
ggctgaatgt ttgggttaag atgttagttg tcagaatcat gagaaaagg ttttaagcaag      120
gggcatttct aattctaaaa ataacaacta ctggtattta ttgagcacta tctttttgtt      180
gggtactgtc taaagtactt gattttatfff ttaaaaacctt acaaaaaaact tacaaggtag      240
gtactgaaag attcagtaat ttgttcaaag tcacacagca aataagcaac agactctgga      300
tttgaaccag gcaatcctag agcctgtact gttagtaatt atacttttagc acctgtcaag      360
aattcctggt gagtgtcaag aagcaancac caagttagga tttaaagcaa acatgattga      420
agaatactgt ggtgtggttg acagtagtgc ctaagtctgt tttcagagtg aaaaatgaca      480
aattagattt taagtatggt ttggagataa tatcaggaca gt          522

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<210> 689
<211> 158
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

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<400> 689
tctcaactta nntnatacc cacacccacc caanaacagg gtttgtagg nattgtttgc 60
attaataaat taaagctcca tagggtcttc tcgtcttgct gtgtcatgcc cgcctcttca 120
cgggcaggtc aatttcaactg gttaaaaagta agagacag 158

<210> 690
<211> 300
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 690
tagaactcgt atttttaaac ttctattctc tanccttttc cactacatta tgacacaaga 60
ccctgcagaa agtcgtcttg aaaatatcag accatctctt acttgtccca tccaatctta 120
catcgaaatta tatgcaccct taaaaagtta tttggagttt taaaaaactc tattagccca 180
aattacctga aataaaactcc tggcttggtc ccctaattgtt tataaaaaat tgattgaaaa 240
tattcatttt aaaaatgaag ntcttgaatt tattttaaatt actgtcttgc agtgagttgg 300

<210> 691
<211> 305
<212> DNA
<213> Homo sapien

<400> 691
ctgttcagaa agctcattgg acctgggtttt gaaaataaaa caaagttaaa accctgggag 60
gagttattgt gcagtgtgga gtactcaggc tttcttataa agaaaaaaaa agttatctgg 120
taccaaagtg tgcaacctac agaccctcag gtactgccct gtgacttctc tgtatgacat 180
cacaaggctg ccaagtgcct gtttttctag aactaggagt tggtagggtt tggctagtgc 240
tgaaaccatg cataggattg gtttactaaa ttaaaacctt attacgtacg tcctccaaaa 300
gacag 305

<210> 692
<211> 582
<212> DNA
<213> Homo sapien

<400> 692
caggaaatgg ataaccattt taactgtatt ttttgcagcc cgtaccttct tgggaataca 60
attgtctaac tttttatttt tggctctggct gttgtggtgt gcaaaaactcc gtacattgct 120
attttgccac actgcaacac cttacagatg tggagatgt gaaatttgct atcaattatg 180
actaccctaa ctctcagag gattatattc atcgaattgg aagaactgct cgcagtacca 240
aaacaggcac agcatacact ttctttacac ctaataacat aaagcagggtg agcgacctta 300
tctctgtgct tcgtgaagct aatcaagcaa ttaatcccaa gttgcttcag ttggtcgaag 360
acagaggtgc aggttaaggat gactgatagg aaatgttggg agttacgagt cacatcgttg 420
tctacaaatc catttaaatg gtattggagg gtgagtaaaa ccttgaatgt gaaaacttaa 480
gctgaaaaat tgtaaaaaca tttcacgcct accatgaata gatctgttcc tttctgtcca 540
caatgatttg tgtcatagac ataattgatc aatttgcaat tg 582

<210> 693
<211> 275

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<212> DNA
<213> Homo sapien

<400> 693

ccaattgatt	tgatggtaag	ggagggatcg	ttgacctcgt	ctgttatgta	aaggatgcgt	60
agggatggga	gggcgatgag	gactaggatg	atggcgggca	ggatagttca	gacggtttct	120
atttcctgag	cgtctgagat	gttagtatta	gttagttttg	ttgtgagtgt	taggaaaagg	180
gcatacagga	ctaggaagca	gataaggaaa	atgactatga	gggcgtgatc	atgaaagggtg	240
ataagctctt	ctatgatagg	ggaagtagcg	tcttg			275

<210> 694
<211> 397
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 694

nggtctgcat	ttttattgcg	atctgcagat	gaactggaaa	atctcatttt	acaacagaac	60
tgagacagac	gaccaccata	ttcactgagg	tctaaatttg	cagtttccac	taatgacatt	120
ttgatttccc	aacagagata	cttctggtct	tactgcacag	tcttttaaga	gaaatacttc	180
cattatgcca	cattgtcctt	gatccgtaag	tgatgtgta	aggtgcttca	aaggaactct	240
gacctctgaa	gtacttgagc	tacttttagta	tgtccagcct	attgcttttt	gttttagtgt	300
gtcaccataa	atatcagggg	cataaaaggc	tatctattct	taattcaagg	ataaaacaga	360
agaagcttgt	ggtataaaac	aatagttcaa	gatccag			397

<210> 695
<211> 609
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 695

ctgagcttcc	atttgtcagc	tagcactgng	gtagtcaacc	atgcgaatga	ggctattttg	60
gacctcatga	ttgtccagtg	cctgggctga	taccgnggga	aacgaaattt	tgtggctgcc	120
cacaaaatca	tggaaaataa	tgatttttta	gaaaacctcc	actgnnttgt	tgtgcagcaa	180
taaataactg	aaacaccaat	ccaaaaaact	tataaagcta	taacaattaa	aacagnataa	240
taatagtncc	gggatacaaa	aatggtcaaa	ttgaagagga	tacaaagcct	caaagcagtc	300
ctcactcata	ananccttgt	tgtatcacta	aaanggcatt	aaaattgaga	anaaggaana	360
actagtggat	taattaataa	atgagaagta	tccataagga	aaaattaaaa	ttnnattctt	420
gcttcacatt	atgaaaaaat	acaaacaaca	gattgattaa	agacttaaat	gngatcaaca	480
aaatgttaaa	actgtgataa	gaacatttaa	gaaaatagtt	ctatnaccct	gggataaaac	540
attttcntcc	aaggcattaa	agtgttaaat	gaaaagactg	atncatttat	tcattagaat	600
ttaaattcn						609

<210> 696
<211> 300

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<212> DNA
<213> Homo sapien

<400> 696

ctgcaaaata	agcgtgctaa	attaaattgt	cttaagggtt	ttccacttca	ttttgtgact	60
ttgtgtgggt	cgaatttctc	agtattttta	ccagtgtggt	gatgttaaag	tcaaaggctg	120
cagtatgtct	atattcttgc	tgtactcatt	ggtagtttca	gtatatgtaa	tgtgagttaa	180
aatagtgaag	ttgtatctca	tattaacatt	tcaaatgctc	atattgaaaa	tggaaaatag	240
taaacacggg	aattgatttt	attctggttg	tctataatac	ttcattttta	atgtaaatgg	300

<210> 697
<211> 391
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 697

nngtcatgtn	tgatgnatct	gancaggttg	ctccacaggt	agctctagga	gggctggcaa	60
cttagagggtg	gggagcagag	aattctctta	tccaacatca	acatcttggg	cagatttgaa	120
ctcttcaatc	tcttgacttc	aaagcttggt	aagatagtta	agcgtgcata	agttaacttc	180
caatttacat	actctgctta	gaatttgagg	gaaaatttag	aaatataatt	gacaggatta	240
ttggaaattt	gttataatga	atgaaacatt	ttgtcatata	agattcatat	ttacttctta	300
tacatttgat	aaagnaaggc	atggttggtg	ttaatctggt	ttatttttgn	tccacaagtt	360
aaataaatca	taaaacttga	acaaaaaaaa	a			391

<210> 698
<211> 536
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 698

ctgagcatac	agcaataaaa	ataacataat	ttttatgtgt	acaatattta	tggaatacgt	60
tactggaaca	gataaataat	ttagttaata	acatgacaaa	gaacagaaat	tgtatacact	120
atacagcata	gtaatagaat	aatgaatgat	taaagttatt	aatattaggt	agaaaatgaa	180
gggtatcttt	gagagcagaa	ctcaaggaag	caagcaattt	gccttatgag	gaaagagtta	240
cctgtggata	aaggagaaac	tgaaaaattt	acaagtcaag	actttttgag	caaagacaaa	300
aatatgacta	tgagtcacca	attcagtaca	gtgaaaaaaa	agttgaagag	atatcttgga	360
agtaaaccat	gttgtggaag	agcaggggtt	tgataatcat	gggattattc	tgaatgaatt	420
ttaaattgca	taggaatata	tgagataatt	tcaccagaga	ataatatgat	catgtttgca	480
tttcaaaggg	gtgtatctgg	tgactgngt	agaataaata	ggntatgtga	gcaagt	536

<210> 699
<211> 419
<212> DNA
<213> Homo sapien

050301 050301 050301 050301

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 699

ngtccacctg	agggcaggtg	acaaggacct	gacagagccc	atgcagggct	ttagatttgg	60
acacacaaga	gttgataact	tcctcatgaa	ctccttgcct	gatctaaact	catattatgg	120
gttctgactg	tttgagtaat	catcttcaag	gttaaaccctc	ttggcagtta	cccttttcac	180
aaagtgcaca	gtgggaatcg	agaatcgata	gggttaattt	tggagcagtg	gcttatacca	240
ttcacctctg	tttttttgtg	attatttcac	agataatgag	accttaataa	caaataggcg	300
taaaaaaatt	ttcacattga	aatgatagaa	acatttgatg	taataaaaact	tggttggctt	360
gatattttta	ggaattgaaa	cctagcaatc	ttattggaga	gacaagaatt	ggtctccag	419

<210> 700
 <211> 336
 <212> DNA
 <213> Homo sapien

<400> 700

ccacttattg	tccttaaaaa	tccatactga	tacatggaca	gtaagtgtgt	tttcagatgg	60
agtaccagca	ccgaaaatgg	gttgagggag	gatgggttgt	atgtatgttt	ctgcccacta	120
attttgagca	gccatattat	gaattaaatc	gtcacagcca	agtaataacc	caagaatggt	180
atgagtttca	tgtgtaatag	ctcaaatgga	ataagcatga	atgctggagt	ggaccattat	240
cctcaaatat	tctatgtcac	ttctcattta	aagactcttg	ttatgaacta	ttagaaaactt	300
taggcaaaat	caaaagtatt	tgcggcacaaa	ttaaagg			336

<210> 701
 <211> 418
 <212> DNA
 <213> Homo sapien

<400> 701

ccatgtgatg	atggtgacaa	cccctgaaga	gcctcagtc	attgttccac	gtttaagaac	60
taggaatacc	aggactgatg	caattctact	gggtcactat	cgcttgtcac	aagacacaga	120
caatcagacc	aaagtatttg	ctgtaataac	taagaaaaaa	gaagaaaaac	cacttgacta	180
taaatacaga	tattttcgtc	gtgtccctgt	acaagaagca	gatcagagtt	ttcatgtggg	240
gctacagcta	tggtccagtg	gtcaccagag	gttcaacaaa	ctcatctgga	tacatcattc	300
ttgtcacatt	acttacaaat	caactgggtga	gactgcagtc	agtgtctttg	agattgacaa	360
gatgtacacc	cccttgttct	tcgccagagt	aaggagctac	acagctttct	cagaaagg	418

<210> 702
 <211> 261
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 702

gggcctgttg	tgggggtggg	ggaagcaggg	aggggaacag	ctaaataggt	tgctgttgat	60
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<210> 703
<211> 261
<212> DNA
<213> Homo sapien
```

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<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G
```

```
<210> 704
<211> 381
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G
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<210> 705
<211> 477
<212> DNA
<213> Homo sapien
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<400>	705						
ctgaaccctc	gtggagccat	tcatacaggt	ccctaattaa	ggaacaagtg	attatgctac		60
ctttgcacgg	ttagggtagc	gcggcggtta	aacatgtgtc	actgggcagg	cggtgcctct		120
aatactggtg	atgctagagg	tgatgttttt	ggtaaacagg	cggggtgaaga	tttgccgagt		180
tcctttttact	ttttttaacc	tttccttatg	agcatgcctg	tgttggtgtg	acagtgaggg		240
taataatgac	ttgttggtga	ttgtagatat	tgggctgtta	attgtcagtt	cagtgtttta		300
atctgacgca	ggcttatgcg	gaggagaatg	ttttcatgtt	acttatacta	acattagttc		360
ttctataggg	tgatagattg	gtccaattgg	gtgtgaggag	ttcagttata	tgtttgggat		420

tttttaggta gtgggtgttg agcttgaacg ctttcttaat tgggtgctgc ttttagg 477

<210> 706
 <211> 266
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 706
 ccatggctag gtttatagat agttgggtgg ttggtgtaaa tgagtgaggc aggagtccga 60
 ggaggtagt tgtggcaata aaaatgatta aggatactan tataagagat caggntcgtc 120
 ctttagtggt gtgtatggct atcatttgtt ttgaggntag tttgattagt cattgttggg 180
 tggtaattag tcggtgtgtg atgagatatt tggaggtggg gatcaataga gggggaaata 240
 gaatgatcag tactgcggcg ggtagg 266

<210> 707
 <211> 358
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 707
 ccatcagaga aatgcaaattc aaaaccacaa tgagatacca tctcacacca gttagaatgg 60
 caatcattaa aaagtcagga aacaacaggt gctggagagg atgtggagaa ataggaacac 120
 ttttacaccg ntgggtgggac tgtaaaactag ttcaaccatt gtggaagtca gtgtggcgat 180
 tcctcaagga tctagaacta gaaataccat ttgaccagc cggccaatat tcaacattct 240
 taaaggaaag aattttcaac ccagaatttc atatccagcc aaactaagct tcgttagtga 300
 aggagaaata aaatacttta cagacaagca aatactgaga gattttgtca ccaccagg 358

<210> 708
 <211> 491
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(491)
 <223> n = A,T,C or G

<400> 708
 cctactatgg gngttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gctgttcttc tttggactaa cagttaaatt tacaaggga tttagagggt tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtagg 180
 ttgtgcctc tacctataaa tcttccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggctct ccttgcaaag 300
 ttatttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct 360

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tgggtataat ttttcatctt tcccttgcgg tactatatct attgcgccag gtttcaattt 420
 ctatcgcccta tactttattt gggtaaatgg tttggcctaag gttgtctggt agtaaggng 480
 gagtggggtt g 491

<210> 709
 <211> 460
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 709
 nggttttttt tgtagagcaa ataatttatg caaaatatgt tacaaaaatct gggatgctaa 60
 atagtttgaca caagtactgt gtttgacatt tagtttcatt tgaattagta atagaatttg 120
 ctctttccaa catttacatc ttttttcttt ctgactttat atattttcaa taaaaatttg 180
 ctccacagtt tttaagntca ttcttcttga atccgntttt acatttgctg ngacaaacct 240
 gcataaaact agattttata gatataactt ctttggaaga gataaaaaatt caaaagtgtg 300
 acattgcttt canttattct tttcttcatt gttttgattg gcccctgtta gattgatgta 360
 ttgccaatct acttttgatg gcatgaatnt aaaatgacaa cataaaaaagc ncttctagt 420
 caacagtaat tgaaacttgc agttttccat taaaaaaaaa 460

<210> 710
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 710
 ctgttacagt gacaagagat aaaaagatag acctgcagaa aaaacaaact caaagaaatg 60
 tgttcagatg taatgtaatt ggagtgaata actgtgggaa aagtggagtt cttcaggctc 120
 ttcttggaag aaacttaatg aggcagaaga aaattcgtga agatcataga tcctactatg 180
 cgattaacac tgtttatgta tatggacaag agaaataact gttgttgcat gatattctag 240
 aatcggaatt tctaactgaa gctgaaatca tttgngatgt tgtatgcctg gtatataatg 300
 tcagcaatcc caaatccttt gaatactgtg ccaggatttt taagcaacac tttatggaca 360
 gcagaatacc ttgcttaatc gtagctgcaa agtcagacct gcatgaagt aaacaagaat 420
 acagtatttc acctactgat ttctgcagga aacacaaaat gcctccacca caagccttca 480
 cttgcaatac tgctgatgcc ccagtnagg atatctttgt taaattgaca acaatggacc 540
 tg 542

<210> 711
 <211> 394
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(394)

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<223> n = A,T,C or G

<400> 711

caaaccact	ccaccttact	accagacaac	cttagccaaa	ccattttaccc	aaataaagta	60
taggcgatag	aaattgaaac	ctggcgcaat	agatatagta	ccgcaaggga	aagatgaaaa	120
attataacca	agcataatat	agcaaggact	aacccttata	ccttctgcat	aatgaattaa	180
ctanaaataa	ctttgcaagg	agagccaaag	ctaagacccc	cgaaaccaga	cgagctacct	240
aagaacagct	aaaagagcac	acccgtctat	gtagcaaaat	agtgggaaga	tttataggna	300
gaggcgacaa	acctaccgag	cctggtgata	gctggtgtgc	caagatagaa	tcttagttca	360
actttaaatt	tgccacaga	accctctaaa	tccc			394

<210> 712

<211> 552

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(552)

<223> n = A,T,C or G

<400> 712

gagggtctgta	naatgccagg	ctcaaatttg	tctttataat	ttaataaccag	aaatctttcc	60
cttgtgatgt	ttctttcttt	ctggattgcc	tctatagcag	gggatagcgg	gggaggataa	120
ggcacatctt	tgntgtactg	agaaatttga	ccacgcagga	tgatgtggct	gttctcattc	180
atctgcacag	agaaaaataa	tgataaaata	tccctttcct	atgtttactg	attttatggc	240
tgccataatg	gaagcctcct	tgactattta	atcctttctg	tcaactaggt	tcgatttttt	300
ttttaattta	cctgttagag	gtatttaana	attttaacta	gctanaaata	attacattcc	360
aaaggaacac	caaggcaaat	aaatggttgg	taatcagcaa	aagaattaca	ttagttgttg	420
ntgctactta	ttagggggag	aactgttttt	ttttaaat	aaacaattta	ataatctcaa	480
ctgcaaataa	ttttagatgc	agcaaaggac	tatgtagnoc	ttaataacctc	atgttgatat	540
tttcataata	tt					552

<210> 713

<211> 518

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(518)

<223> n = A,T,C or G

<400> 713

ccaaaaactg	gaagcagctc	actaaacaaa	cagtggcata	cccatagaac	tgcatacttc	60
tcagcagtat	gaaagaatga	gctacttata	taagcatcat	tgataaacct	caaaaaaaaa	120
atgccacatg	aanaaaccca	aagggganaa	acataaaaac	tttatatgtc	agtcataata	180
aattctanaa	aatgcaaact	aatccatcnt	aaaggaaagt	aaatcaacag	ttgtctggag	240
gaccananag	agcaggagga	ganagattat	taaaggggtt	aaagtaaatt	tgaggagtgc	300
cttcctnttt	taaatnctat	gaaaatgaaa	gtaaaggcnc	atgcatgttg	taaactaata	360
gtaacaaaca	naatgggttg	gagtgggttg	ttgtctgggg	acatcattac	aaaatgtaag	420
ccagtttatn	taaattttga	aaagaccgtg	gactctgata	tgactgatna	atgttggaag	480
agataagtgt	gctgcaaagt	ggggaattaa	taaaacag			518

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<210> 714
 <211> 281
 <212> DNA
 <213> Homo sapien

<400> 714
 ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt 60
 agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
 atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
 gcatacagga ctaggaagca gataaggaaa atgactatga gggcgtgatc atgaaagggtg 240
 ataagctcct ctatgatagg ggaagtagcg tcttgtagac c 281

<210> 715
 <211> 443
 <212> DNA
 <213> Homo sapien

<400> 715
 cttgaaatca gcaacacact tacaaatgag aaaatgaaaa tagaagagta tataaagaaa 60
 gggaaagagg attatgaaga gagtcacag agagctgtgg ctgcagaggt atccgtactt 120
 gaaaactgga aggagagtga agtgtataag ctacagatca tggagtcaca agcagaagcc 180
 tttctgaaga agctggggct gattagccgt gatcctgcag catatccoga catggagtct 240
 gatatacgtt catgggaatt gtttctttct aatgttacia aagaaattga gaaagcaaag 300
 tctcagtttg aagaacaaat taaggcaatt aaaaatgggt cccggctcag tgaactttct 360
 aaagtgcaga tttctgagct ttcatttctt gcctgtaaca cggttcaccc cgagttactc 420
 cctgagtctt caggccacga tgg 443

<210> 716
 <211> 639
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 716
 ccaanaaaaa tgaagtacag agtctgcata gtaagcttac agataccttg gtatcaaaac 60
 aacagttgga gcaaagacta atgcagttaa tggaaatcaga gcagaaaagg gtgaacaaag 120
 aagagtctct acaaatgcag gttcaggata ttttggagca gaatgaggct ttgaaagctc 180
 aaattcagca gttccattcc cagatagcag cccagacctc cgcttcagtt ctagcagaag 240
 aattacataa agtgattgca gaaaaggata agcagataaa acagactgaa gattcttttag 300
 caagtgaacg tgatcgttta acaagtaaag aagaggaact taaggatata cagaatatga 360
 atttcttatt aaaagctgaa gtgcagaaat tacaggccct ggcaaattag caggctgctg 420
 ctgcacatga attggagaag atgcaacaaa gtgtttatgt taaagatgat aaaataagat 480
 tgctggaaga gcaactacaa catgaaattt caaacnaaat ggaagaattt angattctaa 540
 atgaccaaaa canagcatta aaatcagaag ttcagaagct gcagactctt gtttctgcac 600
 angcctaata aggatgntgn ggaacaaatg gaaaaattg 639

<210> 717
 <211> 473
 <212> DNA
 <213> Homo sapien

0349626.05001

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 717
 nntgaggcta ctgctgtttt attacaacat tacctcttgt ttttataaag tgtaccaaga 60
 tttaaattga taactttatt ttacttgaaa aaaaaaagtt tnttttatca ccagtgttac 120
 agttgtcttc tgtttctttt tgttttgntt tatttgnttt ccttttttagc caaagagtga 180
 acagaanatt ttcttatttt ggtggctatt cattttactt ttaaaagtga ttggtggatt 240
 ttagactaat tatgggggaa ttggccacca aaataaaaaa tatgtaaagn gtagtgatta 300
 cagagtgggt aaaatgtggg ttagtactta tttattccat taattgatta tttgactggt 360
 tataaagaaa gttgctttat ttctttaaac atcttcaaaa gatgatcctt tcttgtcaca 420
 ttatagccaa aagaagcaga gaacttcact gtctgcattt gggttcctggg tgg 473

<210> 718
 <211> 207
 <212> DNA
 <213> Homo sapien

<400> 718
 ggtaaagtct agtataatat ttaccatctc acttctagga atactagtat atcgctcaca 60
 cctcatatcc tccctactat gcctagaagg aataatacta tcaactgttca ttatagctac 120
 tctcataacc ctcaacaccc actcctctt agccaatatt gtgcctattg ccatactagt 180
 ctttgccgcc tgcgaagcag cggtagg 207

<210> 719
 <211> 255
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 719
 cctatattac ggatcatttc tctactcaga aacctgaaac atcggcatta tcttcctgct 60
 tgcaactata gcaacagcct tcataggcta tgtcctcccg tgaggccaaa tatcattctg 120
 aggggccaca gtaattacaa acttactatc cgccatccca tacattggga cagacctagt 180
 tcaatgaatc tgaggaggct actcagtaga cagncccacc ctcacacgat tctttacctt 240
 tcacttcac tggcc 255

<210> 720
 <211> 455
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(455)
 <223> n = A,T,C or G

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<400> 720
 ccaatgtcga aacctacaag atttccttaa aatctctaata agaggcatta cttgctttca 60
 attgacaaat gatgccctct gactagtaga tttctatgat ccttttttgt cattttatga 120
 atatcattga ttttataatt ggtgctattt gaanaaaaaa atgtacattt attcatagat 180
 agataagtat cagggtctgac cccagtggaa aacaaagcca aacaaaaactg aaccacaaaa 240
 aaaaaggctg gtgttcacca aaaccaaact tgttcattta gataatttga aaaagctcca 300
 tagaaaaggc gtgcagtact aagggaacaa tccatgtgat taatgnttnc attatgttca 360
 tgtaanaagc cccttatttt tagccataat tttgcatact gaaaatccaa taatcagaaa 420
 agtaattttg ccacattatt tatnaaaaat gttcc 455

<210> 721
 <211> 530
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 721
 ccagtgtctg ctgccgtggg ttagtgattg ggtgttagaa ataaaaactc aggtctatatt 60
 cttaccagtc agtaacaatt tttagagaat gtacttggtg tataatatat ggacttcagg 120
 aactttattg gggngggggg ttaattttgc cttaccctgt tcactttcag atgattaggc 180
 ttttgcactt tagaatgaga aacttgtgac gttagtgtgt tcttactagc ttttaatttgt 240
 atgtagcaat gaattgtgaa tcttagtgca gtgggttttt ttaaaaaact caaaaagctg 300
 ggaattaagt ggtttcagta ataatgctat accgaggtgc ttgcattgta tttcataatt 360
 ttgttacaaa ccaaaattat ttttaatgan aacggtcttg ggttcagagg tgtgatgcca 420
 gaatgtatatt tctgactgtt aggcccttgg aacagatacc ggtgctttct tgaaagatga 480
 aagaaatgca atgggtgctc ttcattgcaag gttgcaaacc taccaagaat 530

<210> 722
 <211> 242
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(242)
 <223> n = A,T,C or G

<400> 722
 ccaagggtca tgatggcagg agtaatcana ggtgntcttg tgttgtgata agggngggaga 60
 gggttaaagga gccacttatt agtaatgttg atagtagaat gatggctagg gtgacttcat 120
 atgagattgt ttgggctact gctcgtagtg cgccgatcag ggcgtagttt gagtttgatg 180
 ctcatcctga tnagaggatt gagtaaaccg ctaggctaga ggtggctaga ataaatagga 240
 gg 242

<210> 723
 <211> 472
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(472)
 <223> n = A,T,C or G

<400> 723
 cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gccgttcctc tttggactaa cagttaaatt tacaagggga tttagagggt tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtagggt 180
 ttgtcgcctc nacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggnttcg ggggtcctag ctttggctct ccttgcaaag 300
 ttatttctag ttaattcatt atgcagaagg tataagggtt agtccttgct atattatgct 360
 tggttataat ttttcatctt tcccttgctg tactatatct attgcgccag gtttcaattt 420
 ctatcgccta tactttattt gggtaaatgg tttggctaan gttgtctggt ag 472

<210> 724
 <211> 292
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 724
 nccaccactg cagccctaca tacagntgaa aaaaaattcc attctgttaa catttgtttt 60
 ataagttttc acncaatata caaaaaaccc ctctgcactt cttgtaaaga acaaaaaaga 120
 tacacaacag ttaagcgtaa agatcacagg caatagcatt caaacatgga tgtgggnaga 180
 gaaaggagta cctggcatga gtacctgctt agttngactg aatccttgat ttttaatttg 240
 gcttttcatg ggccgntcac aacaccaacg ctgngngagg tatggtagtc ag 292

<210> 725
 <211> 122
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 725
 atagaaaggg cataccctaa atgttactga aaatntaata caaattccaa gattcaccaa 60
 ngaagtaaca aaaacctggc ctgcangngg ncccctatcc cgtggctcca tggntgatgt 120
 gg 122

<210> 726
 <211> 477
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(477)

<223> n = A,T,C or G

<400> 726

ctgaaccctc	gtggagccat	tcatacaggt	ccctaattaa	ggaacaagtg	attatgctac	60
ctttgcaagg	ttagggtagc	gcggccgtta	aacatgtgtc	actgggcagg	cggtgcctct	120
aatactgggtg	atgctagagg	tgatgttttt	ggtaaacagg	cggggtaaga	tttgccgagt	180
tccttttact	ttttttaacc	tttccttatg	agcatgcctg	tggtgggttg	acagtgaggg	240
taataatgac	ttgttggtga	ttgtanatat	tgggctgtta	attgtcagtt	cagtgtttta	300
atctgacgca	ggcttatgcg	gaggagaatg	ttttcatgtt	acttatacta	acattagtct	360
ttctataggg	tgatagattg	gtccaattgg	gtgtgaggag	ttcagttata	tgtttgggat	420
tttttaggta	gtgggtgttg	agcttgaacg	ctttcttaat	tggcggctgc	ttttagg	477

<210> 727

<211> 416

<212> DNA

<213> Homo sapien

<400> 727

cctgtctttg	aatggatgaa	ataggttaat	aaaaaacatc	actgttttaa	aactagaaca	60
ctgaaaaatt	ctaggaaagc	ttattttccc	ttatatattt	atggtagctt	caacacttaa	120
taacactatt	tcaattaagt	tttctcctag	agtttatagt	atatcagtag	attcttttct	180
gtggatgcaa	taatatagaa	tcttattcca	aatcttactg	gcaggttctc	ttaaattctt	240
caacggctgc	catagtgtat	aaccaaatt	agttatgatt	tctgcctatc	tgtgtgagaa	300
cttacagggg	aaattgttct	aaacctgagg	aacatgaagt	aactgtactg	cacactccaa	360
atgatgacag	tcattttata	tcaccttcaa	ttaccaaca	gcttttaata	gtctgg	416

<210> 728

<211> 416

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 728

cctgtctttg	aatggatgaa	ataggttaat	aaaaaacatc	actgttttaa	aactagaaca	60
ctgaaaaatt	ctaggaaagc	ttattttccc	ttatatattt	atggtagctt	caacacttaa	120
taacactatt	tcaattaagt	tttctcctag	agtttatagt	atatcagtag	attcttttct	180
gtggatgcaa	taatatagaa	tcttattcca	aatcttactg	gcaggttctc	ttaaattctt	240
caacggctgc	catagtgtat	aaccaaatt	agttatgatt	tctgcctatc	tgtgtgagaa	300
cttacagggg	aaattgttct	aaacctgagg	aacatgaagt	aactgtactg	cacactccaa	360
atgatgacag	tcattttata	tcaccttcaa	ttaccaaca	gcttttaata	ntctgg	416

<210> 729

<211> 564

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

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<400> 729

ctgtgagtag	aggagtcttc	ccgagagtag	cagttgttga	tccaaagat	tgaagccttc	60
aggtaagga	ataactgctg	caggaattct	ttcttgaaga	atttaagctg	tttggttaaga	120
attctgtaac	tacatacctt	tgaaacacta	ttcacattca	aataaacgct	tgttttctag	180
ccaggcacag	gctcaattag	tttttcaaac	tctagccaag	gcagtatttc	atttgggaaa	240
tcatgcaaca	gaactgctca	attcttaact	tctcctgctg	ttaacattta	cacttagact	300
gccagcaaca	gttaacttaa	attttggtct	caagggaaca	aaaaaaaaatt	gcattcagaa	360
tttaatatag	tattttaaaa	ctaatttttag	cctgtaagnc	attatgagca	atagtaactt	420
ttatacctcc	tcatcttgnc	tgataatata	ttctatatgc	tgncaatctg	attatatagt	480
ctatatgcta	gaagttgctg	attttcattc	tgccaccaa	aaaaactgtc	cttttttttt	540
tatgggggaa	aaaggaatt	taaa				564

<210> 730

<211> 310

<212> DNA

<213> Homo sapien

<400> 730

ccatttttat	ttcttcttca	gagaagtgtt	tatttaggtc	tgttgcccat	tttacaatta	60
ggccatatgt	tttcttgctg	ttgagttgta	tgtgtgtttg	tataaathtt	gcatattaac	120
cccttatcac	acgtatgttt	tttaaaataa	attttgctta	ttaatctttt	atcagatgta	180
tggtttccaa	atatattctt	ccgatccatg	gattctcttt	tttgttatga	ttgtttcttt	240
gctcttcgga	agctttttgt	tttgttttgt	tatttgtttt	actttgatat	agtccccattt	300
attgtttttg						310

<210> 731

<211> 467

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 731

ngacaacctt	agccaaacca	tttacccaaa	taaagtatat	gcgatagaaa	ttgaaacctg	60
gcgcaataga	tatagtaccg	caagggaag	atgaaaaatt	ataaccaagc	ataataaagc	120
aaggactaac	ccctatacct	tctgcataat	gaattaacta	gaaataactt	tgcaaggaga	180
gccaaagcta	agacccccga	aaccagacga	gctacctaag	aacagctaaa	agagcacacc	240
cgtctatgta	gcaaaatagn	gggaagattt	ataggnagag	gcgacaaacc	taccgagcct	300
ggtgatagct	ggttgtccaa	gatagaatct	tagntcaact	ttaaatttgc	ccacagaacc	360
ctctaaatcc	ccttgtaa	ttaaactgnta	gnccaaagag	gaacagntct	ttggacacta	420
ggaaaaaacc	ttgtagagag	agtaaaaaat	ttaacaccca	tagtagg		467

<210> 732

<211> 492

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(492)

<400> 732

cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcctag	tgtccaaaga	60
gctgttcctc	tttgactaa	cagctaaatt	tacaagggga	tttagagggg	tctgtgggca	120
aatttaaagt	tgaactaaga	ttctatcttg	gacaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgcttc	tacctataaa	tcttcccact	attttgctac	atagacgggt	gtgctctttt	240
agctgttctt	aggtagctcg	tctggnttcg	ggggtcttag	ctttggctct	ccttgcaaag	300
ttattttctag	ttaattcatt	atgcagaagg	tataggggtt	agncccttgct	atattatgct	360
tggntataat	ttttcatctt	tcccttgcg	tactatatct	attgcgccag	gtttcaattt	420
ctatcgctta	tactttattt	gggtaaatgg	tttggctaag	gttgtctggt	agtgaggcgg	480
agngggtttg	gg					492

<211> 562

<212> DNA

<213> Homo sapien

<2.2.0>

<221> misc feature

$$\langle 222 \rangle \quad (1) \dots (562)$$

<223> n = A, T, C or G

<400> 733

ntgaaatggc	aatagcattc	actgtcgtat	tttgcagtgc	ttaggaagtg	ggacgttaac	60
tttgaagggtg	cttgtttgtg	ttagctctgc	taggtttacc	tctacaacgt	agatttcagc	120
agctatgctg	actgacacta	cattctagtt	cttaagattt	tttttccana	tcccccttc	180
cccagctaga	catacgtagc	atactttcat	cttattcagt	ctttctgtaa	cctgctgctg	240
cttttagtcc	tcctcacctc	agatcggaat	caatggagtg	ggcccagagg	atacatttta	300
attccagtaa	tggtaggtag	atttgtcctg	ctttctaaaa	catctcctca	tttcatattt	360
ccactccata	ttgattccat	aagggaataa	taatgggtgn	ttcctccttt	agggaggcaa	420
tgcaaagagn	gtggacatct	tctaattctg	aggaacagtn	gttgatttcc	cttgaaggag	480
cttacatatt	gactgtnttt	cacaataacc	tgnttgcccc	agntcaatcc	ctcattttta	540
tacttaatgt	tggtntctggg	ct				562

<210> 734

<211> 265

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

$\langle 222 \rangle$ (1) ... (265)

<223> n = A, T, C or G

<400> 734

nggtccagaa	caagagaaat	aactgcagaa	aacacatatg	gttggaacc	atgcgcttgt	60
gactttttct	gtagcctatg	ggagtggaca	gagtgggtaa	cccaagatgt	ttttaagact	120
gactggacta	agaatggcgt	acttatagcc	aactacttcc	cccctaattg	gactgaaggg	180
attcataatg	atcacaaata	gcattacggt	taagtatttt	agggttgacg	tctaagctca	240
cacttgaag	gtattttatct	aatgg				265

<210> 735

<211> 216

<212> DNA
<213> Homo sapien

<400> 735
atttaatacgc tgctcactgc tcggcacgcg ctgaagctac agttaacaat cagtgagcac 60
atattaaatg ataaaaataat gctgatggta aacattcata acagcagagt aagattttgg 120
cagttttgtg tctcggtaac ataactgtaa ccttagatga acacctatcc ctcatgatc 180
tgactttaga ggcaaggagt ttgtaacatc taatgg 216

<210> 736
<211> 285
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 736
ctgaaaggca acntggagac tagttagtct agtcccctca tattataaat tggtagctg 60
aggccaggca gtaaattgct atggagctct ccaatttaag gccagtttga ctccaagggt 120
agggttcta gtaaaatttt gtgattaaat tggaaactct aatttatttt tctatgngtt 180
tttggtacct aatcctcata agcaagccat atttcaaggc tgatcaatga aaacaccaaa 240
taccaaagct tcctttccct tccaaattta ctgacccttt gtcag 285

<210> 737
<211> 509
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

<400> 737
agangaagaa gangaagatt aagggaagaa tacatcggtc aagaagagct caacaaaaca 60
aagcccatct ggaccagaaa tcccgcagat attactaatg aggagtacgg agaattctat 120
aagagcttga ccaatgactg ggaagatcac ttggcagtga agcatttttc agttgaagga 180
cagtttgaat tcagagccct tctatttgtc ccacgacgtg ctctttttga tctgtttgaa 240
aacagaaaga aaaagaacaa catcaaattg tatgtacgca gagttttcat catggataac 300
tgngaggagc taatccctga atatctgaac ttcattagag ggggtgnaga ctcgaggat 360
ctccctctaa acatatcccg tgagatgttg caacaaagca aaattttgaa agttatcang 420
aagaatttgg gtcaaaaaat gcttanaact ctttactgaa ctggcggaag atnaagagaa 480
ctncaagana ttctatgagc agntctctt 509

<210> 738
<211> 97
<212> DNA
<213> Homo sapien

<400> 738
cagtgaattg aatacgactc ctatagggcg aattgggccc tctagatgca tgctcgagcg 60

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gccgccagtg tgatggatat ctgcagaatt cgccctt

97

<210> 739
 <211> 209
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(209)
 <223> n = A,T,C or G

<400> 739
 ccgncagtgt gatggatatt tgcagaattc gcccttagcg gcccgcccgg gcagggtcct 60
 tatatatagt agcttagttt gaaaaaatgt gaaggacttt cgtaacggaa gtaattcaag 120
 atcaagagta attaccaact taatgttttt gcattggact ttgagttaag attatttttt 180
 aaatcctgag gactagcatt aattgacgg 209

<210> 740
 <211> 164
 <212> DNA
 <213> Homo sapien

<400> 740
 ccaagctaatt ggggtgacact gtgaatgcaa ctctaattgca gcctggcgta aatggtccta 60
 tgggcactaa ctttcaagtt aacacaaaca gaggaggtgg tgtgtgggaa tctggtgcag 120
 caaactccca gagtacatca tggggaagtg gaaatggcgc aaat 164

<210> 741
 <211> 514
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(514)
 <223> n = A,T,C or G

<400> 741
 ccagtcagaa ttgagatgtg ctgtgagtgc aaaatacact caaatctaag acttagtatg 60
 gaagaaaaag aagataaggt gnttcattaa taatctttta tattgattac atgttgaaat 120
 gatattttta atatactggg ttacataaac tgttattaag attaattttg cttgtttcct 180
 ttttaatatg gctactagaa aattaaaaat tatgtttgtg ttcacattat atttctgttg 240
 aacaatgtgg acatagataa tctacagtca ttacattagc cttagaattt agcatcatc 300
 ttttaagcac tctgggttac taacttgaac tcccagaaac ccataagcac actctgcata 360
 taaattattg caaaattcat tcttatctct ctgaaagata tgcattttta gggtaaaaag 420
 aattcacaaa atattganc cttacaaaat gtcaattagt atatggagag agctaaagga 480
 cttcntgtag actggtncat tggggaaaaa caga 514

<210> 742
 <211> 439
 <212> DNA
 <213> Homo sapien

094964350

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 742
 gcaggtccta tgcatagtta ataaggnta taatctactc aacatggaaa atgggagcct 60
 atttgcaaac acacgagtaa ttaaagtacc aattctctct tagtttcttt ttttatagtt 120
 ggnttatttt gcaattataa atgntaaaca tccctagaga tgaaagttaa aatggctgat 180
 cacagatcag tagcaaaaata caaattgaca attcaaaatt ataaataaaa ctctgttgag 240
 gatgtttaac tttgagcctc caaatttaag agctaagctt ggaagaaaca aatttatagg 300
 ttatatttcc ctcttaaat aaaaaacaaa cttcctctgg cagtagnttg tgaattcctt 360
 tcattgnaat gataccatga ttacaggatc aaaaatgctt aacttacttg ccattctgct 420
 cacatcatca cagttgttt 439

<210> 743
 <211> 275
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 743
 cangacgcta cttcccctat catagaagag cttatcacct ttcatgatca cgccctcata 60
 gtcattttcc ttatctgctc ctagtccctg tatgcccttt tcctaacact cacaacaaaa 120
 ctaactaata ctaacatctc agacgctcag gaaatagaaa ccgtctgaac tatcctgccc 180
 gccatcatcc tagtcctcat cgccctccca tccctacgca tcctttacat aacagacgag 240
 gtcaacgatc cctcccttac catcaaatca attgg 275

<210> 744
 <211> 295
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 744
 ctgtnccttt aaaaaatctg gatgtttttt atttagtgat tgttcgacaa ttagctgctt 60
 caaaacataa tgtgcattgc ttatgaatgc cttcatatac taatacagat actctgataa 120
 tattacactc taataaggat aatgctgaat tttgaaagga cacaaaacat ctaatgcaa 180
 tatatacatg attagccaac atctttgcta tcaagaccac tcgtttttta ataaagatgc 240
 aagtgtcagt ttagattat tgggatgaag ctaaattccc agaattgcagc agcag 295

<210> 745
 <211> 477
 <212> DNA
 <213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(477)
 <223> n = A,T,C or G

<400> 745

cgcgttactg	tacatattgc	tagcaggaga	caactggaaa	tactaaacaa	atactggaat	60
tcacattaca	gacagacgaa	accaacatgg	atgccacaca	taacttcctt	tgtagtttca	120
cagagagcct	atttgtggtt	gtcaggtgg	ggtcatacat	tgcttgacga	aatggcctga	180
tcatagctct	atgaaacaat	gaattcggaa	tgaaatctta	ccatgacacc	tctctgtagg	240
aaagaaatgt	tgcttcacgt	gtgctaagtt	gagataataa	tatttcacat	atttatatac	300
agagaatcac	tctcaaattt	aacccaagat	aagcaatagg	atttgggggt	gacttgtaca	360
catttctaac	aacacttttc	ttttttctag	aggtcactct	caaacactga	tatatcacta	420
tagtttgagt	gtanggattc	agtaatcaaa	ggttggttatt	gcaaaagagc	caggcag	477

<210> 746
 <211> 524
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(524)
 <223> n = A,T,C or G

<400> 746

ctgtgaaatt	gggttgggag	agccaaaata	ctttacaact	tcagaccgga	gaaaaggcca	60
gaggtgtgaa	gttagactct	atgatgaaac	agagtcgtct	tttgcgatga	catgttggga	120
taatgaatcc	attctacttg	cacagagctg	gatgccacga	gaaacagtaa	tatttgcctc	180
agatgtaaga	ataaattttg	acaaattttc	gaactgcatg	acagcaactg	taatctcaaa	240
aaccattatt	acaactaatc	cagatatata	agaagctaac	attctgctga	attttatagc	300
agaaaataaa	gaaacaaatg	ttctggatga	tgaaattgac	agttatttca	aagaatccat	360
aaattttaagt	acaatagttg	atgtctacac	agntgaacaa	ttaaagggaa	aagctttgaa	420
gaatgaagga	aaagctgatc	cttctatagg	catcctttat	gcctacattt	ccacactcaa	480
cattgatgat	gaaactcaaa	agtagttcga	aatagatggt	ccag		524

<210> 747
 <211> 456
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 747

cctcagttct	tgattgtggt	tgacggggcg	tcaccatgaa	ggagccatt	tagtataaag	60
cttccaacct	tttctcttaa	tcgtttcttt	aatcttttaa	accatcttca	agtgcacagg	120
ggagtttccg	atgccagagg	atgaaagcaa	gtgctttctc	caccctctcc	tcccagagt	180
aaaacaaatc	cttttgcctg	tacttgtttc	aaaagcatcc	attgtaaagc	ttctcagtg	240
cacaaaatac	tgagaggtaa	ctttttatca	atcaaaccac	atacccaat	ttaacacctt	300
tcagtgtctc	gaattcaact	gacagactaa	aggggtgttc	ctgtaacagt	ctgaaatatt	360
aagtgttttt	tttgttttgt	ttttaaatct	tatttcagaa	aacttcctct	nggggtagga	420

aagtacacat gaagcagcaa agtaacgaag aaaaac

456

<210> 748
 <211> 474
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 748
 ccanaccagg gaaccaaag cagacagnga agttctctgc ttcttttggc tataatgnga 60
 caagaaaggg atcatctttt gaagatgttt aaagaaataa agcaactttc ttataaaaca 120
 gtcaaataat caattaatgg aataaataag tactaaccga cattttaacc actctgtaat 180
 cactacactt tacatatatt ttatttnggn ggcaantcc ccataatta gtctaaaatc 240
 caccaatcac ttttaaaagt aaaatgaata gccacaaaaa taagaaaatc ttctgttcac 300
 tctttggcta aaaaggaaaa caaataaaac aaaacaaaaa gaaacagaag acaactgtaa 360
 cactggtgat aaaagaaact ttttttttac aagtaaaata aagttatcaa tttaaatctt 420
 ggncacttta taaaaacaag aggtaatgtt gtaataaaac agcagtagcc tcag 474

<210> 749
 <211> 355
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 749
 cctgggtnna gnggctgact gnaacctcca ctctctgttc tcaggcaatc ctctgcctc 60
 agcctcctta gtagctggga ctacaggagt gtgcaaccat gcccaactaa ttttgtatt 120
 tttaatagag acagggtttc accatgttga tcagggttggc ctccaactcc tgacctcagg 180
 tgatccacct gtcccagcct cccaaagtgc tgggattaca ggcatgagcc accacgcccg 240
 gnccaggata aagtaaaaat ttgtaagcac acaaggccct ttgcaacctg gctcctggtt 300
 actactttaa ncctcctgcc ctcccaaatg tntcactgt ttttctanac atacc 355

<210> 750
 <211> 493
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 750
 ccatgctggt ctggaactcc tgaactcagg tgatccaccc gcctcagtct cccaatagat 60
 tacatatatt attaataaat tgcttccttt aacaccctat tcattgaatt ttccagtaaa 120
 ccacaattac taattactcc tgaaatcaga aaagagggtta aaaagatttt ataacagtat 180

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cctatgaaat ctactacttt caagtaatag tagttgaatt accaaaaccc gtcactcaag 240
 ccaatgacta caattaagat atgagtaaca ttccctagat aaataaagtc aattaattat 300
 atttgcattt gggaaataga gaaagtacat ataagccatg attttgaagn caaaagagag 360
 agantatttg ccaaggaggg gtgagttata gtatgtaatt ataacatata gaagcttttt 420
 gtatgctggg aactaatttt aatttcctac attnttatgg agatttctgc tattcttctg 480
 ctattttcca cct 493

<210> 751
 <211> 364
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(364)
 <223> n = A,T,C or G

<400> 751
 cgaggctctg naaggtcacc aagtctgccc aganagctca gaaggctaaa tgaatattat 60
 ccctaatacc tgccacccca ctcttaatca gtggtggaag aacggctctca gaactgtttg 120
 tttcaatttg ccatttaagt ttagtagtaa aagactgggtt aatgataaca atgcatcgta 180
 aaaccttcag aaggaaagga gaatgttttg nggaccactt tggttttctt ttttgcgtgt 240
 ggcagtttta agttattagt ttttaaaatc agtacttttt aatggaaaca acttgaccaa 300
 aaatttgta cagaattttg agaccatta aaaaagttaa atgagataaa aaaaaaaaaa 360
 cntg 364

<210> 752
 <211> 498
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

<400> 752
 ctggattatg ggttggnatt ggtcatatgt tagaotccat acaggcatag ctatgatgca 60
 gtgaatccct tagaagttac aattctcaaa ttacatactt cctcagatgt aacattagaa 120
 ctcaatattt ctaacaataa cataccagaa aaggctggac tggcactcat ctgctgacta 180
 acttgtagcc tcagtaatat gacatacttg cctttaacaa attatctcaa attaactaac 240
 agaccttcag aaaatggaga ttctttttga tggggacata atcaaattta agtctgagaa 300
 atatgcttaa cagttggaac tcaaattaaa tgtactgatt ttaaagttaa gacattaaca 360
 agtgatanat tagcctcaaa aaaagacaat ttggnaaggn ttaggtcttt taatttgggtg 420
 cttgntcaca acttgactgg tgcttctttt cttgctgctt cacatcaagc atggggccaa 480
 ttctattttc agtaaatg 498

<210> 753
 <211> 467
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature

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<222> (1)...(467)

<223> n = A,T,C or G

<400> 753

nacaacotta	gccanaacca	tttaccctaaa	taaaggagata	ggcgatagaa	attgaaacct	60
ggcgcaatag	atatagnacc	gcaagggaag	gatgaaaaat	tataaccaag	cataatatag	120
caaggactaa	cccctatacc	ttctgcataa	tgaattaaact	agaaataact	ttgcaaggag	180
agccaaagct	aagacccccg	aaaccagacg	agctatctaa	gaacagctaa	aagagcacac	240
ccgtctatgt	agcaaaatag	tgggaagatt	tataggtaga	ggcgacaaaac	ctaccgagcc	300
tgggtgatagc	tggntgncca	agatagaatc	ttagntcaac	tttaaatttg	cccacagaac	360
cctctaaatc	cccttgtaaa	tttaactgtt	agtccaaaga	ggaacagctc	ttggacacna	420
ggaaaaaacc	ttgcagagag	agtaaaaaat	ttaacaccca	tagtagg		467

<210> 754

<211> 196

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(196)

<223> n = A,T,C or G

<400> 754

gtcatgttca	agtgtnttaa	tctgacgcag	gcttatgcgg	aggagaatgt	tttcatgtta	60
cttataactaa	cattagttct	tctatagggt	gatagattgg	tccaattggg	tgtgaggagt	120
tcagttatat	gtttgggatt	ttttaggcag	tgggtgttga	gcttgaacgc	tttcttaatt	180
ggtggctgct	tttagg					196

<210> 755

<211> 381

<212> DNA

<213> Homo sapien

<400> 755

ctggaaagga	ttctgtacat	ataagacatc	aaatattgag	ggatactgga	actttttaaat	60
taatgggcaa	agaaagtcaa	caaaggaagt	tcatatgaaa	tcaaactagt	aatatgatta	120
caaaaaaaaa	gtttaaaatt	tttcttggcc	ccagtcttat	catttctgag	ccaaatacaa	180
ttctatcgaa	atcacctgaa	actgaaatca	ccattctagg	ctggttttcc	cataaagatg	240
gactgctcca	aaaagaggaa	tcaagaaaga	atttggtctca	cagtgaatta	ttcactttgt	300
cttagttaac	taaaaataaa	atctgactgt	taactacaga	aatcatttca	aattctgtgg	360
tgataataaaa	gtaatgaccg	c				381

<210> 756

<211> 341

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(341)

<223> n = A,T,C or G

<400> 756

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ggntataaac ctattattta ttgcagaact aataaaaaat ccaaagcctt gtatttgtag      60
atctttatta tctctaaagc actttcctca acctaatttc agttttttaca attggtactc      120
aagaaaatag agacagaaat catttgattt tgcccagaaa ccactctgctt atattttataa      180
ggccacctaa tttgaaatca catatagacc aggcgcggtg gctcacgcct gtaattccaa      240
cactttggaa ggccaaggca ggtggatcac aagggtcaaga gattgagacc atcttggcca      300
acatggcgaa acccgtctc taccaaaaat acaaaaatca g                                341

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<210> 757
<211> 479
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

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<400> 757
cgcnttactg tacatattgc tagcagggag acaactggaa atactaaaca aatactggaa      60
ttcacattac agacagacga aaccaacatg gatgccacac ataacttcct ttgtagtttc      120
acagagagcc tatttggtg ttgctcaggtg gggtcataca ttgcttgtag aaatggcctg      180
atcatagctc tatgaaacaa tgaattcgga atgaaatctt accatgacac ctctctgtag      240
gaaagaaatg ttgcttcacg tgtgctaagt tgagataata atatttcaca tatttatata      300
cagagaatca ctctcaaatt taaccaaga taagcaatag gatttggggg tgacttgtnc      360
acattttctaa caacactttt cttttttcta gaggtcactc tcaaactg atatatcact      420
atagnttgag ngtagggatt caagtaatca aaggttgtta ttgcaaaaaga gccaggcag      479

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<210> 758
<211> 267
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

```

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<400> 758
ccatgnctag gtttatagat agttgggtgg gttggtgtaa atgagtgagg caggagtccg      60
aggaggttag ttgtggcaat aaaaatgatt aaggatacta gtataagaga tcaggttcgt      120
cctttagtgt tgtgtatggc tatcatttgt tttgagggtta gtttgactag tcattgttgg      180
gtggtaatta gtcggttgtt gatgagatat ttggagggtg ggatcaatag agggggaaat      240
agaatgatca gtactgcggc gggtagg                                267

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```

<210> 759
<211> 449
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

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<400> 759
 cgaggtcttg aaatcagcaa cacacttaca aatgagaaaa tgaaaataga agagtatata 60
 aagaaagggg aagaggatta tgaagagagt catcagagag ctgtggctgc agaggtatcc 120
 gtacttgaaa actggaagga gagtgaagtg tataagctac agatcatgga gtcacaagca 180
 gaagcctttc tgaagaagct ggggctgatt agccgtgata ctgcagcata tcccgcacatg 240
 gagtctgata tacgttcatg ggaattgttt ctttctaattg ttacaaaaga aattgagaaa 300
 gcaaagtctc agtttgaaga acaaattaag gcaattaaaa atggttcccg gctcagtga 360
 ctttctaaag ngcagatttc tgagctttca tttcctgcct gtaacacggg tcatcccgag 420
 ttactccctg agtcttcagg ccacgatgg 449

<210> 760
 <211> 414
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 760
 ccatnaactg gaagcagctc actaaacaaa cagnngcata cccatagaac tgcatacttc 60
 tcagcagtat gaaagaatga gctacttata taagcatcat tgataaacct caaaaaaaaa 120
 atgccacatg aagaanccca agggggagaa acataaaaaac tttatatgnc agncatataa 180
 aattctagaa aatgcaaact aatccatcnt aaaggaaagt aaatcancag ttgtctggag 240
 gaccanagag agcaggagga gagagattnt taanggggtt aaagtaaatt ngggagtgcc 300
 cttccatttt taaatnctat gaaaatgaaa gttaaaggccc ntgcatgttg taaactaata 360
 gtaacaaaaca gattggggtg gagtggggtg ttgtctgggg acatcattac aaan 414

<210> 761
 <211> 428
 <212> DNA
 <213> Homo sapien

<400> 761
 gagcctcact aaaataacag atttcagtat agccaagttc atcagaaaga ctcaaattga 60
 atgatttaca agatagaaca ctttaaacca ggtcagtcct atctttttgt agctgaaggc 120
 tatcagtcac aacacaattt cgcgtacacc tctgctcatt atggaattac acttaaaacg 180
 aatctcaaga gggtgaccat tggtgtttca gataccatcc ctaaggagag tggttaacag 240
 gaagattgcc agtgttactg atggaaagaa gtgtttgttt gttttttttc ttgtcaaaga 300
 cttacaccat agttttaaat taaactgtca ggcattttct cagacagggt ttccttttca 360
 atgcagtaat gaagaactaa gataaaaatc atgacttttg actgccactc aacattatta 420
 catgcacc 428

<210> 762
 <211> 574
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

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<400> 762

caggtctgaa	ctgataagta	ttaagagacg	tttgttgcta	gttaagngtt	ccagttgaga	60
gttcgaagtg	aaaacctggg	ctctttacca	gtgttgagtg	agaagattta	tttctctttc	120
ctctgaattt	accacatgta	acatcacaga	gacatgtaga	gttccttttag	gatttgcgat	180
ttgaaccagn	ccagttctgat	tttcaggtga	attctgtgaa	gagcttgatg	ggggaagtct	240
gaagacagaa	ggaattaggg	aaaaggggtga	tacttacaga	gtaaaggaaa	taaatgaaaa	300
gataatggta	tttttggtag	ccacagggaa	atagcaggag	gggactggag	atcacacaca	360
cgcacacgca	cacacacaaa	cacacacaca	cgctaaaact	caaactaaaa	acctcccaaa	420
ggagctgctt	tgtttgtaga	cttcaattng	aagtagatac	taagggaag	aatagaccag	480
ttaaaattca	cctgaaaatc	tcttcccann	cttcaaattgt	gctaaaatat	cactgtcagc	540
ttagcatctc	tncatgtatg	tatatataga	tgta			574

<210> 763

<211> 465

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 763

cctactatgg	gtgttaaaat	tttttactct	ctctacaagg	ntttttccta	gtgtccaaag	60
agctgttctt	ctttggacta	acagttaa	ttacaagggg	atttagaggg	ttctgnngggc	120
aaattttaa	ttgaactaag	attctatctt	ggacaaccag	ctatcaccag	gctcggtagg	180
tttgctgcct	ctacctataa	atcttcccac	tattttgcta	catagacggg	tgtgctcttt	240
tagctgttct	taggtagctc	gtctgggttc	gggggtctta	gctttggctc	tccttgcaaa	300
gttatttcta	gttaattcat	tatgcagaag	gtataggggt	tagtccttgc	tatattatgc	360
ttggatataa	tttttcatct	ttcccttgcg	gtactatata	tattgcgcca	ngtttcaatt	420
tctatgcctt	atactttatt	tgggtaaatg	gtttggctaa	ggttg		465

<210> 764

<211> 151

<212> DNA

<213> Homo sapien

<400> 764

ctgtcaatta	atgctagtc	tcaggattta	aaaaataatc	ttaactcaaa	gtccaatgca	60
aaaacattaa	gttggttaatt	actcttgatc	ttgaattact	tccgttacga	aagtccttca	120
catttttcaa	actaagctac	tatatttaag	g			151

<210> 765

<211> 251

<212> DNA

<213> Homo sapien

<400> 765

gaagagctta	tcacctttca	tgatcacgcc	ctcatagtc	ttttccttat	ctgcttctta	60
gtcctgtatg	cccttttctt	aacactcaca	acaaaaactaa	ctaataactaa	catctcagac	120
gctcaggaaa	tagtaaccgt	ctgaactatc	ctgcccgcga	tcatcctagt	cctcatcgcc	180
ctcccatccc	tacgcatcct	ttacataaca	gacgaggtca	acgatccctc	ccttaccatc	240
aatcaattg	g					251

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<210> 766
 <211> 375
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

<400> 766
 cgagggtctgn cctcctgggt cttcatccat tattaacaga agagcatact gggttcgggtc 60
 cataaaatct ttgggaaggg acaactgtaa aggaagttca tagtcgtcaa tatgaaggat 120
 ttttaatttct ggctttccta tcttcttctt caggatagct tccttcagca tagaattggt 180
 ttccaatata aaatattttg ctgggttggtc cgtactatgt aggctgacca ctgggaccct 240
 tggaccttca cagaataata agaaatgttg attcatggga ctaaaactgg catcaaaata 300
 tgtacattgt tctttcatga aattacatga aatgcattgg cgattcaata atccttcagt 360
 agaagcactg tacag 375

<210> 767
 <211> 485
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(485)
 <223> n = A,T,C or G

<400> 767
 cgagggtctga accctcgtgg agccattcat acaggtcctt aattaaggaa caagtgatta 60
 tgctaccttn gcacggttag ggtaccgcgg cccgttaaac atgtgtcact gggcaggcgg 120
 tgcctctaact actggtgatg ctagagggtga tgtttttggn aaacaggcgg ggtaagattt 180
 gccgagttcc ttttactttt ttttaaccttt ccttatgagc atgcctgtgt tgggttgaca 240
 gtgagggtaa taatgacttg ttggtgattg tagatattgg gctgttaatt gtcagttcag 300
 tgttttaatc tgacgcaggc ttatgcgagg gagaatgttt tcatgttact tatactaaca 360
 ttagttcttc tatagggtga tagatnggtc caattgggtg tgaggagntc acttatatgt 420
 ttgggatttt ttaggtaagn ggggtgttgag cttgaacgct ttcttaattg ggggctgctt 480
 ttang 485

<210> 768
 <211> 379
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 768
 ctgatattct attaaagata caaagaggag ctggnaccat ttctttctgaa actattacaa 60
 acaactgaaa aggtggaatt tctccctaatt tcattttagg aggccagcat tatactgata 120
 ccaaaacctg gcagaggtac aataataaaa ggaaacttca agtcagtatc actgatgaac 180

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accaatgtga aaatcctcaa taaaatactg gcaaactgaa ttcagcagca catcaaaaag 240
 ctaatccacc acaatcaagt cagcttcac cctgcgatgc aagtctgggt caacatatgc 300
 aaatcaataa atacaattca tcagataaac agagctaaag acaaaattca catgattttc 360
 tcaatagatg cagaaaagg 379

<210> 769
 <211> 518
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(518)
 <223> n = A,T,C or G

<400> 769
 cgagggtccat atgatgatca gtctatatag tttaaggcgc agatacacaa attttcaaaa 60
 atatgggtag aatatagtca atatgaatgg aatagacaat gctttgaaaa tcaactggagg 120
 gaggctttat tgtttgtaa aacatgttgt catcactttt tgctttaagc ccttggtggt 180
 gaaataactc aaaccattct tccttatgct gaagatcgag aacccaagt atcacatcta 240
 ccatcccact catcaatgtg attggtcagt ctttgctgag gncctgcata gccagtttta 300
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 agattgggtn tggaaagagc acttaagaaa gaggggtgg 518

<210> 770
 <211> 378
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 770
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 agaataagag ttaagaagaa aaagactatg agaaaggaag tgntgacccc atttgcat 180
 aaatggcagg aatagtctca atctactcat tggggaaaaa tgtatgttgc atatttttga 240
 gatattgcaa cttgctctct ctctttgcca cccaccctt tgnatgctc tgtttttggg 300
 ctgaattggc aagaaaaatg gctggagggc tggaagaagn tggacccttc ttccttcttc 360
 cttcttctct ctttctcc 378

<210> 771
 <211> 207
 <212> DNA
 <213> Homo sapien

<400> 771
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 tctcataacc ctcaacaccc actccctctt agccaatatt gtgcctattg ccataactag 180

"05050" 92954860

ccatggctaa gntatataga tagctgggtg gctggagtaa atgantgagg nacgagtcg 60
 angaggtag ttgaggcaat aaaaatgatn aaggatacta gtataagaga tcangttcgt 120
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<210> 776

<211> 144

<212> DNA

<213> Homo sapien

<400> 776

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 aaaaaaaaaa aaaaaaaaaa aaaa 144

<210> 777

<211> 483

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(483)

<223> n = A,T,C or G

<400> 777

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 gtg 483

<210> 778

<211> 393

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 778

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 agcttgtggn ataaaacaat agtcaagatc cag 393

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<210> 779
 <211> 277
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

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 ctatttcctg agcgtctgag atgttagtat tagttagttt tgttgtgagt gttaggaaaa 180
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 tgataagctc ttctatgata ggggaagtag cgtcttg 277

<210> 780
 <211> 328
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 780
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 attttgccac actgcaacac cttacagatg tggaagatgt gaaatttgct atcaattatg 180
 actaccctaa ctccctcagag gattatattc atcgaattgg aagaactgct cgcagtacca 240
 aaacaggcac agcatacact ttctttacac ctaataacat aaagcagggg agcgacctta 300
 tctctgtgct tcgggaagct aancaaac 328

<210> 781
 <211> 305
 <212> DNA
 <213> Homo sapien

<220>
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 <222> (1)...(305)
 <223> n = A,T,C or G

<400> 781
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 taccaaaagtg tgcaacctac agaccctcag gtactgcctt gtgacttctc tgtatgacat 180
 cacaaggctg ccaagtgcct gtttttctag aactaggagt tggtagggtt tggctantgc 240
 tgaaaccatg cataggattg gtttactaaa ttaaacctt attacgtacg tcctccaaaa 300
 gagac 305

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<210> 782
 <211> 497
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(497)
 <223> n = A,T,C or G

<400> 782
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 ccgtgggcct ttttaatttgt aaacactgaa atgattgttg ggctgtggaa aacatttacc 300
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 tgtggtcgtc ttaactaata aatgngattt ttctctcaaa aaaaaaacct ccccgggcgg 420
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 agcttggcgt aatcatg 497

<210> 783
 <211> 364
 <212> PRT
 <213> Homo sapien

<400> 783
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 Asn Thr Gln Arg Lys Lys Ser Gln Glu Lys Met Arg Glu Val Thr Asp
 35 40 45
 Ser Pro Gly Arg Pro Arg Glu Leu Thr Ile Pro Gln Thr Ser Ser His
 50 55 60
 Gly Ala Asn Arg Phe Val Pro Lys Ser Lys Ala Leu Glu Ala Val Lys
 65 70 75 80
 Leu Ala Ile Glu Ala Gly Phe His His Ile Asp Ser Ala His Val Tyr
 85 90 95
 Asn Asn Glu Glu Gln Val Gly Leu Ala Ile Arg Ser Lys Ile Ala Asp
 100 105 110
 Gly Ser Val Lys Arg Glu Asp Ile Phe Tyr Thr Ser Lys Leu Trp Ser
 115 120 125
 Asn Ser His Arg Pro Glu Leu Val Arg Pro Ala Leu Glu Arg Ser Leu
 130 135 140
 Lys Asn Leu Gln Leu Asp Tyr Val Asp Leu Tyr Leu Ile His Phe Pro
 145 150 155 160
 Val Ser Val Lys Pro Gly Glu Glu Val Ile Pro Lys Asp Glu Asn Gly
 165 170 175
 Lys Ile Leu Phe Asp Thr Val Asp Leu Cys Ala Thr Trp Glu Ala Met
 180 185 190
 Glu Lys Cys Lys Asp Ala Gly Leu Ala Lys Ser Ile Gly Val Ser Asn
 195 200 205
 Phe Asn His Arg Leu Leu Glu Met Ile Leu Asn Lys Pro Gly Leu Lys

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210 215 220
 Tyr Lys Pro Val Cys Asn Gln Val Glu Cys His Pro Tyr Phe Asn Gln
 225 230 235 240
 Arg Lys Leu Leu Asp Phe Cys Lys Ser Lys Asp Ile Val Leu Val Ala
 245 250 255
 Tyr Ser Ala Leu Gly Ser His Arg Glu Glu Pro Trp Val Asp Pro Asn
 260 265 270
 Ser Pro Val Leu Leu Glu Asp Pro Val Leu Cys Ala Leu Ala Lys Lys
 275 280 285
 His Lys Arg Thr Pro Ala Leu Ile Ala Leu Arg Tyr Gln Leu Gln Arg
 290 295 300
 Gly Val Val Val Leu Ala Lys Ser Tyr Asn Glu Gln Arg Ile Arg Gln
 305 310 315 320
 Asn Val Gln Val Phe Glu Phe Gln Leu Thr Ser Glu Glu Met Lys Ala
 325 330 335
 Ile Asp Gly Leu Asn Arg Asn Val Arg Tyr Leu Thr Leu Asp Ile Phe
 340 345 350
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<210> 784
 <211> 6353
 <212> DNA
 <213> Homo sapien

<400> 784

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<211> 5502

<212> DNA

<213> Homo sapien

<400> 785

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<211> 108

<212> PRT

<213> Homo sapiens

<400> 786

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 35 40 45
 Gln Leu Lys Val Gly Ile Leu His Leu Gly Ser Arg Gln Lys Lys Ile
 50 55 60
 Arg Ile Gln Leu Arg Ser Gln Val Leu Gly Arg Glu Met Arg Asp Met
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 Glu Gly Asp Leu Gln Glu Leu His Gln Ser Asn Thr Gly Asp Lys Ser
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 Gly Phe Gly Phe Arg Arg Gln Gly Glu Asp Asn Thr
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<210> 787

<211> 152

<212> PRT

<213> Homo sapiens

<400> 787

Arg Pro Lys Glu Glu Val Pro Arg Ser Lys Ala Leu Glu Val Thr Lys
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 Asn Asn Glu Glu Gln Val Gly Leu Ala Ile Arg Ser Lys Ile Ala Asp
 35 40 45
 Gly Ser Val Lys Arg Glu Asp Ile Phe Tyr Thr Ser Lys Leu Trp Ser

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50 55 60
 Thr Phe His Arg Pro Glu Leu Val Arg Pro Ala Leu Glu Asn Ser Leu
 65 70 75 80
 Lys Lys Ala Gln Leu Asp Tyr Val Asp Leu Tyr Leu Ile His Ser Pro
 85 90 95
 Met Ser Leu Lys Pro Gly Glu Glu Leu Ser Pro Thr Asp Glu Asn Gly
 100 105 110
 Lys Val Ile Phe Asp Ile Val Asp Leu Cys Thr Thr Trp Glu Ala Met
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 Glu Lys Cys Lys Asp Ala Gly Leu Ala Lys Ser Ile Gly Val Ser Asn
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 Phe Asn Pro Gln Ala Ala Gly Asp
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 <211> 1633
 <212> DNA
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<400> 788

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 <211> 200
 <212> PRT
 <213> Homo sapien

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<211> 457
<212> DNA
<213> Homo sapiens
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<210> 791
<211> 126
<212> PRT
<213> Homo sapiens
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Gln Thr Gln Asn His Thr Ala Ser Pro Arg Ser Pro Val Met Glu Ser
35 40 45

Pro Lys Lys Lys Asn Gln Gln Leu Lys Val Gly Ile Leu His Leu Gly
50 55 60

Ser Arg Gln Lys Lys Ile Arg Ile Gln Leu Arg Ser Gln Cys Ala Thr
65 70 75 80

Trp Lys Val Ile Cys Lys Ser Cys Ile Ser Gln Thr Pro Gly Ile Asn
85 90 95

Leu Asp Leu Gly Ser Gly Val Lys Val Lys Ile Ile Pro Lys Glu Glu
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His Cys Lys Met Pro Glu Ala Gly Glu Glu Gln Pro Gln Val
115 120 125

<210> 792
<211> 461
<212> DNA
<213> Homo sapiens

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<210> 793
<211> 108
<212> PRT
<213> Homo sapiens

<400> 793
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Ser Pro Leu Leu Arg His Gly Gly His Thr Gln Thr Gln Asn His Thr
20 25 30

Ala Ser Pro Arg Ser Pro Val Met Glu Ser Pro Lys Lys Lys Asn Gln
35 40 45

Gln Leu Lys Val Gly Ile Leu His Leu Gly Ser Arg Gln Lys Lys Ile
50 55 60

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Arg Ile Gln Leu Arg Ser Gln Val Leu Gly Arg Glu Met Arg Asp Met
65 70 75 80

Glu Gly Asp Leu Gln Glu Leu His Gln Ser Asn Thr Gly Asp Lys Ser
85 90 95

Gly Phe Gly Phe Arg Arg Gln Gly Glu Asp Asn Thr
100 105

<210> 794
<211> 970
<212> DNA
<213> Homo sapiens

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<210> 795
<211> 152
<212> PRT
<213> Homo sapiens

<400> 795
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Leu Ala Ile Glu Ala Gly Phe Arg His Ile Asp Ser Ala His Leu Tyr
20 25 30

Asn Asn Glu Glu Gln Val Gly Leu Ala Ile Arg Ser Lys Ile Ala Asp
35 40 45

Gly Ser Val Lys Arg Glu Asp Ile Phe Tyr Thr Ser Lys Leu Trp Ser
50 55 60

Thr Phe His Arg Pro Glu Leu Val Arg Pro Ala Leu Glu Asn Ser Leu

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 <211> 120
 <212> PRT
 <213> Homo sapiens

<400> 797
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 20 25 30
 Arg Gly Gly Val Gly Gly Glu Thr Arg Ala Ala Leu Ala Arg Ala Pro
 35 40 45
 Pro Pro Gly Arg Ala Glu Trp Tyr Gly Pro Ala Gly Val Lys Ala Gly
 50 55 60
 Gly Arg Arg Arg Val Pro Arg Arg Arg Arg Arg Trp Gly Cys Val Gln
 65 70 75 80
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 Pro Gly Arg Ala Ala Ala Arg Arg Ala Ala Ala Ser Thr Arg Ala Ala
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 Ser Pro Arg Cys Thr Thr Cys Arg
 115 120

<210> 798
 <211> 164
 <212> PRT
 <213> Homo sapiens

<400> 798
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 35 40 45
 Pro Pro Ala Ala Arg Asn Gly Met Ala Arg Pro Glu Leu Arg Pro Gly
 50 55 60
 Gly Gly Gly Glu Ser Arg Gly Gly Gly Asp Asp Gly Ala Ala Cys Arg
 65 70 75 80
 Arg Asn Ala Gly Gln Gly Arg Arg Gly Ser Gly Gly Ala Arg Gly Ala
 85 90 95
 Arg Ala Glu Arg Arg Arg Ala Gly Arg Gln His Pro Leu Gly Pro His
 100 105 110
 Arg Arg Gly Ala Gln Arg Ala Ala Glu Arg Ala His Pro Ala Ala Ala
 115 120 125
 Val Arg Val Gly Pro Arg Gln Gly Ala Glu Pro Arg Gly His Asp Pro
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 Gly Gly Pro Arg Gln Arg Ala Pro His Arg Cys Pro Leu Asp Gln Arg
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<210> 799
 <211> 60
 <212> PRT
 <213> Homo sapiens

<400> 799
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 Arg Arg Gly Arg Gly Arg Asn Ala Arg Cys Pro Gly Thr Gly Pro Pro
 35 40 45
 Pro Arg Pro Arg Gly Met Val Trp Pro Gly Arg Ser
 50 55 60

<210> 800
 <211> 2477
 <212> DNA
 <213> Homo sapien

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<400> 800

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<211> 1619

<212> DNA

<213> Homo sapien

<400> 801

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 <212> DNA
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<211> 1238

<212> DNA

<213> Homo sapien

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<212> PRT

<213> Homo sapiens

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 Thr Ile Cys Leu Ala Tyr Leu Met Met Lys Lys Arg Val Arg Leu Glu
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 Glu Ala Phe Glu Phe Val Lys Gln Arg Arg Ser Ile Ile Ser Pro Asn
 305 310 315 320
 Phe Ser Phe Met Gly Gln Leu Leu Gln Phe Glu Ser Gln Val Leu Ala
 325 330 335
 Thr Ser Cys Ala Ala Glu Ala Ala Ser Pro Ser Gly Pro Leu Gly Glu
 340 345 350

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Arg Gly Lys Thr Pro Ala Thr Pro Thr Ser Gln Phe Val Phe Ser Phe
355 360 365

Pro Val Ser Val Gly Val His Ser Ala Pro Ser Ser Leu Pro Tyr Leu
370 375 380

His Ser Pro Ile Thr Thr Ser Pro Ser Cys
385 390

<210> 806
<211> 302
<212> PRT
<213> Homo sapiens

<400> 806
Val Arg Ala Arg Leu Arg Ser Gly Leu Tyr Ser Ala Val Ile Val Tyr
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Asp Glu Arg Ser Pro Arg Ala Glu Ser Leu Arg Glu Asp Ser Thr Val
20 25 30

Ser Leu Val Val Gln Ala Leu Arg Arg Asn Ala Glu Arg Thr Asp Ile
35 40 45

Cys Leu Leu Lys Gly Gly Tyr Glu Arg Phe Ser Ser Glu Tyr Pro Glu
50 55 60

Phe Cys Ser Lys Thr Lys Ala Leu Ala Ala Ile Pro Pro Pro Val Pro
65 70 75 80

Pro Ser Ala Thr Glu Pro Leu Asp Leu Gly Cys Ser Ser Cys Gly Thr
85 90 95

Pro Leu His Asp Gln Gly Gly Pro Val Glu Ile Leu Pro Phe Leu Tyr
100 105 110

Leu Gly Ser Ala Tyr His Ala Ala Arg Arg Asp Met Leu Asp Ala Leu
115 120 125

Gly Ile Thr Ala Leu Leu Asn Val Ser Ser Asp Cys Pro Asn His Phe
130 135 140

Glu Gly His Tyr Gln Tyr Lys Cys Ile Pro Val Glu Asp Asn His Lys
145 150 155 160

Ala Asp Ile Ser Ser Trp Phe Met Glu Ala Ile Glu Tyr Ile Asp Ala
165 170 175

Val Lys Asp Cys Arg Gly Arg Val Leu Val His Cys Gln Ala Gly Ile
180 185 190

Ser Arg Ser Ala Thr Ile Cys Leu Ala Tyr Leu Met Met Lys Lys Arg
195 200 205

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Val Arg Leu Glu Glu Ala Phe Glu Phe Val Lys Gln Arg Arg Ser Ile
210 215 220

Ile Ser Pro Asn Phe Ser Phe Met Gly Gln Leu Leu Gln Phe Glu Ser
225 230 235 240

Gln Val Leu Ala Thr Ser Cys Ala Ala Glu Ala Ala Ser Pro Ser Gly
245 250 255

Pro Leu Arg Glu Arg Gly Lys Thr Pro Ala Thr Pro Thr Ser Gln Phe
260 265 270

Val Phe Ser Phe Pro Val Ser Val Gly Val His Ser Ala Pro Ser Ser
275 280 285

Leu Pro Tyr Leu His Ser Pro Ile Thr Thr Ser Pro Ser Cys
290 295 300

<210> 807
<211> 3829
<212> DNA
<213> Homo sapiens

<400> 807

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aaccagccc tagccaacgc cgcagtagag ggagtgtgcc gagggcttct gagaagggtt 180
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gcgacccgga gagcttacca ttcttcagac ttcttcacat ggtgctaaca gatttgttcc 420
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agatggcagt gtgaagagag aagacatatt ctacacttca aagctttgga gcaattccca 600
tcgaccagag ttggtccgac cagccttgga aaggctcactg aaaaatcttc aattggacta 660
tgttgacctc tatcttattc attttccagt gtctgtaaag ccaggtgagg aagtgatccc 720
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gatgttaaca accattttaag attcattttct gcagtgggag tgggtggagt ttcaccctct 1680
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tatacgcaag aggaaatgag aagggaatcc aaatgtcatt aaaaaaaaaa 3829

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<210> 808

<211> 781

<212> DNA

<213> Homo sapiens

<400> 808

```

gcggcgagc tgtgagccgg cgactcgggt ccctgaggtc tggattcttt ctccgctact 60
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gaagaggaa cagcaggctt ccggagggtt gtgtggtcag tgactcagag tgagaaggcc 180
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gccataacta gggaggaagg agggccgagg agtgaggagg ctcaggcgaa gctgggggtc 300
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cagacgggac caggagaggg acggcatgag cgacacacac aaacacagaa ccacacagcc 420
agtcccagga gccagtaat ggagagcccc aaaaagaaga accagcagct gaaagtcggg 480
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```

```
<210> 809
<211> 160
<212> PRT
<213> Homo sapiens
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```
<210> 810
<211> 624
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(624)
<223> n=A,T,C or G
```

<400> 810

```

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agccctcat gatnggcacc gggacagtca cgaggaaggg ctccaccttc cggcccatgg 120
acacggatgc cgaggaggca ggggtgagca ccgatgccgg cgccactat gactgcccg 180
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gcgtcccagg gcccagccc ggccacaaac actccctctc ctcgggcggc ttctcccccg 360
tagcgggtgt gggcgcccag gacggagact atcaaaggcc acacagcgca cagcctgcgg 420
acaggggcta cgaccggccc aaagctgtca gcgccctgc caccgaaagc ggacaccctg 480
actctcagaa gcccacaacg catcccggga caagtgcag ctattctgcc cccagagact 540
gcctcacacc cctcaaccag acggccatga ctgccctttt gtgaacacaa tgtgaaagaa 600
gcctgctgtg gtactgagcg tcgg                                     624

```

<210> 811

<211> 572

<212> DNA

<213> Homo sapiens

<400> 811

```

agcgggctgt gaggacgctc tgggccaggc tgcagcgca gcgttccgag ctgctgggct 60
ctttcgagga tggtctgata cgcgcgtcgg cctgcctgga ggaggcgcc cgggagcgcg 120
acggcctgga gcaggcgctg cggaggcgcg agagcgagca cgagaggag gtgcgcgctc 180
tgtacgagga gacggagcag cttcgggagc agagccggcg cccgccgagt cagaacttcg 240
cccgcgggga gcggagaagc cgtctggagc tggagctgca gatccgcgag caggacctgg 300
aacgcgcggg cctgcggcag cgggagttag agcagcagct gcacgcccag gctgcggagc 360
acctggaggc acaggcccag aactcccagc tgtggcgggc gcacgaggcg ctgcgaacgc 420
agctggaggg ggcgcaggag cagatccgca ggctggagag cgaagcacga ggccgccagg 480
agcaaacca acgagacgtg gtgcgcgtct ccaggaacat gcagaaagag aaagtcagcc 540
tgctacggca actggagctg ctcagggagc tg                                     572

```

<210> 812

<211> 594

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(594)

<223> n=A,T,C or G

<400> 812

```

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ttttgcgggc tgccgtacag cggcaagagc cggcgtgctg aagagttagc cgtggcgctg 120
gctgccgagg gccgcgcggg gtacgtggtg gacgacgag ctgtcctggg cgcagaggac 180
ccagcgggtg acggcgattc tgcccgtgag aaggcattgc gtggagctct gcgagcctcc 240
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ggtttccggt acgagctcta ctgcctggca cgggcggcgc gcaccccgt ctgcctggtc 360
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cctggccgga acgtcagtggt gagttggcgg ccacgcgctg agggaggcgg gagagcccag 480
gcggcgggca gcagcgtcct cagggaactg catactgcgg actctgtagt aaatggaagt 540

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F02050" 92954850

gccacaggccg acgtacccaa ggaactggag cgagaagaat ccggggctgc ggag 594

<210> 813
 <211> 561
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(561)
 <223> n=A,T,C or G

<400> 813
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 ncccattgac gtctctctct ctgaaaactc cgtgtggccc tcgtctctgca ctgtcatgag 180
 gcggtgatgg agctagatac ccaccacgga caatgatcat cagtttgggg ttctctgggt 240
 ctcacaggga cgcacattct aggggtagca cgacactccc cctgtagttg ctccacacaa 300
 acgggatctc tcatccaggc gatacgtctg gtctctgtgg atgtggctct cnacgaaaca 360
 ccagggangc attatgttgg ngacttcttg gggctctgct ggtctctgct ccagacacga 420
 ttaatccgaa atgtgtttaa tcgancacat ggggccacgt ccaggacagc tcccatcgaa 480
 ctctcnaggc tctctanctc agggatgaag gaggtnaagt gatcgatnct cacaagcgan 540
 agctctcgcn cnatatctgc g 561

<210> 814
 <211> 307
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n=A,T,C or G

<400> 814
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 ccnncgtgga aanggctggg nncgcggccg ntctngcaga agtatcccga tttttttttt 120
 tttttttttt tttttggngg agggaaantt ncagacatag ctttattgct gactcctgcc 180
 cccttcanag ccctagtcac aggcnnccagg gntgttttgt aanttaaant ttcnggaaaa 240
 tngngntntt tntgcatnca anagaagggn tgccaaangn ggggtattgc ttctgggtgg 300
 nttaccc 307

<210> 815
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n=A,T,C or G

<400> 815
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 10E050" 92964860

```

ggacccacaa atgtggaaga tatgaatgca ctgttaatca aagatgctgt gtataatgct 120
gttggattaa gctgcttatg agctctttga cagtgttgat tttgatcagt ggtttaaaaa 180
ccagcttctt ccagaattac aagtcattca caataggat aagccattgc gacgcagggt 240
gatttggtc atcggtcagt ggatttctgt gaaattcaag tctgacttaa gacccatgct 300
ttatgaagca atctgtaact tgcttcaaga tcaagattta gtggccgtat tgaaacagct 360
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ttggaaacca tggtcacact actttttcag ttactgcagc aagttacaga atgtgacaca 480
aagatgcatg ttttgcattg cctttcttgt gtgatcgaaa gagtcaacat gcagatacga 540
ccatatgtgg gatgtttggt acaatatttg cccctccttt ggaagcagaa gtgaanaaca 600
caatatgttg agatgtgcta ttttgaccac acttattcat cttggtcagg gattangagc 660
agacagcaag acctgtccct ttctgtctcc agttattcac tgagtaccag atgtttcaca 720
gccttcncat gtttattttt ctggaaaatg ggtaaaaaat atnggtanga acctttggga 780
aaac 784

```

```

<210> 816
<211> 813
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(813)
<223> n=A,T,C or G

```

```

<400> 816
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agcagctgct gccagagccc tcttgtagct tctttatttt ctgtttcttt ccagctttcc 180
taccctccta tcccccttg tgtttgggcc acaattttga aataattttt attataggta 240
tgtgctgcca aagccagatt tttataaggt aaaataaatt aagaatttaa acagtaaaag 300
ccagtgtctc aaaatgtcag cattaataatg tgaaggggac agcagggtgt gaaccggaaa 360
cacacattgc caaacagttg ccaactgaac tgctgcttct catggtccgt tcttttcttt 420
gcccttaagg tcaatgccag tgtccagacg agcagtgtag aaaagctccc tgtgtggttt 480
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tgggggcggg gagggggcag ggaatagtga cttggcttta ccaccttcag gatctcgaat 660
tgggcgcttg aacctaagaa agattgtgga cttatcaaaa gtcaccgctc agtgttcgtc 720
aagcatgtat ttatgtgacn atcatactag ggaggggatg gttgggaatt cttccatgtg 780
caaatttngn cccgcaanaa gcaaaactgg ng 813

```

```

<210> 817
<211> 229
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(229)
<223> n=A,T,C or G

```

```

<400> 817
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acanacacat ttttttttcc aggtaaaaagc tgtttttagt ttgtagtaca aatgtgactg 180

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catccaatac tgacacattg ttcctttggc ccacagtccc antcaccac

229

<210> 818
<211> 781
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(781)
<223> n=A,T,C or G

<400> 818
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tcctcacatc acgtcctgcc ccaggctcact gcataaataa gtgcttttga aagtattcat 180
ctagaaagta acataaatac tgtacataga aaagggttgc cgccccttag ccttcgcaact 240
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tggtggcctt ctaccangga tgctttcaca aggatgagac agaatccaa tggtatgccc 480
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gcaggtggac aggtgantcc tggccacana aggcaggctc acacccttca cangaatagg 600
tggtttgngc tgtcatctcg gcccacggtc tctnntgcg ccaccccccc ttnntgaatc 660
gnaantctc aaanccctta ccaccacttg atgaccnanc atttttangg cctggccttga 720
aggngggggc cttnggcccc ccnaaggggg aaatncccc ggnngaattnc ccaangggga 780
a 781

<210> 819
<211> 199
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(199)
<223> n=A,T,C or G

<400> 819
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taattaatgc ctgcaacctg tgctagcaaa tatttgnaca aaacnanttg tgttggngat 180
gttcttttgg gtcgggcag 199

<210> 820
<211> 211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(211)
<223> n=A,T,C or G

094964360

<400> 820
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 agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 120
 agacagtntct ntgtgtgtct ctctgtctcn aagtacncnc tgaggngatct gntntctgtn 180
 tntgngtaca cngtatctct cntggncata t 211

<210> 821
 <211> 952
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(952)
 <223> n=A,T,C or G

<400> 821
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 cagcaccaag acgaaatggg aaactacatg tccccagggt cgaggctgca ggggcagact 180
 ctggtgtgaa caggggggat gtgaccacct aaggaaaagg tcacacctgt cttggtatca 240
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 cctcatcttt agcaacacat ttgcttttca aggtgttctt tgtggaaaca cacatacaca 480
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 atgagcagaa actgatccaa ttttggttaa gtttgagaag ccctctgaat ttgggtgggt 600
 ggcccaatgt aaatacttcc gcagagatgg agggcattca aaacagggtc tgaaaggatc 660
 cagcctatct tggactttgt tctggaancc anggattcag cnttggccac ctgtgccagg 720
 cttgcaaggc ctggtgtgaa cncccaaant ggcagcaaaa acaacanaca gccnctgcac 780
 tttgnttga ccaacgtttg gcctnaacaa atctngcggg ttgggatntt cttgntttcn 840
 cncccagggg accnaaaacc ccntacntg naataacnt tttttttttn aacntttan 900
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<210> 822
 <211> 587
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n=A,T,C or G

<400> 822
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 aggtcttttt gaaaaatcca ctgtcttaga tgaaaagtct acccagcaag cactggggca 180
 gttctgagag tagaaaccag tgtggtggaa gttacttata ggaagttcag tgcagaggct 240
 tccacaagtc ctgattaggt ctgnaaggct ccattgggcc agctcagggt aacagtggga 300
 atgagctcac agacaaaggc aggaccagt tcctntgccc gggatgcagg ctggctcact 360
 ccccangcgg ntgcattctt cttcagactc atcaaactgc tgctgtccan ctncgncatg 420
 actntgttga gaacatanaa ctctgctctc tggctttgct tcanctcctg gtgggcnnaa 480
 ttctgcttag ccttctncac tntgaaggnt gggctcttaa cttttggatt tttttttccn 540

090496-050301

ggcaggggga accatgaatg gggtacatac ccacncnggg ntttggc

587

<210> 823

<211> 264

<212> DNA

<213> Homo sapiens

<220>

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<222> (1)...(264)

<223> n=A,T,C or G

<400> 823

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gagctgcgat acagccttcc gcgggtctgn tggaaccccg acctntctg gtgtntntcc 120
ntccncncc ccaacccgcc aagggcctgc ctttctnct gggcctttgc cagcgnntgg 180
ccanaccggg gccaaaccgg nccccgggca cattttaacc nagggcncnc ttntagaana 240
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<210> 824

<211> 520

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(520)

<223> n=A,T,C or G

<400> 824

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gcatgtctta ttatacaaca natccaactt ccctaagnng ntcacacatn ntaaggtatt 120
gttaacaaaa taggaaantc tattngaact aacaatcatc tctttgaatc tgcntatccc 180
attaaaaagca ttttctctca tattctcat atcggttatg gncaatggat acctatctga 240
gctggttgan cccttttaaat tnattatact taactttttg aaggctgta tacciaaggg 300
acaaacctaa ncaaccanca gatatacttg anggtntctc ctgtnatttc tcagattcca 360
atataccatt ttgccttnac acctacagcc cttaggggca tcctcnttcc ncanaacaaa 420
ncattntcac taagacagnc tggggtnttn caccaatggc taccaaacct ctgnccgcna 480
cccaccgcnt aaanggcnga aattnccnan ccacacgggt                                     520
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<210> 825

<211> 2064

<212> DNA

<213> Homo sapiens

<400> 825

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tcgtaaacac actctectcc accggcgccct cccctccgcg tctgcgcgcc gcccggtcgg 180
gcgcccggagg ccgctccgac tgctatgtga ccgcgaggct gcgggaggaa ggggacaggg 240
aagaagaggc tctcccgagg gagcccttga ggaccaagtt tgcggccact tctgcaggcg 300
tcccttctta gctctcgccc gcccttttct gcagcctagg cgccccgggt tctcttctct 360
tcctcgcgcg cccagccgcc tcggttcccc gcgaccatgg tgacgatgga ggagctgcgg 420
gagatggact gcagtgtgct caaaaggctg atgaaccggg acgagaatgg cggcggcgcg 480
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09849626.050301


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ggcggcagcg gcagccacgg caccctgggg ctgccgagcg gcggcaagtg cctgctgctg 540
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tgtaacacca tcgtgcggcg gcgggctaag ggctccgtga gcctggagca gatcctgcc 660
gccgaggagg aggtacgcgc ccgcttgccg tccggcctct actcggcggt catcgtctac 720
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caggcgctgc gccgcaacgc cgagcgccacc gacatctgcc tgctcaaagg cggtatgag 840
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gccgcagcag ccagggaaga ccttggtttg gtttatgtgt cagtttactc tttccgatag 1860
aaatttctta cctcatTTTT ttaagcagta aggttgaaag tgatgaaacc cacagatcct 1920
agcaaagtgt cccaaccagc tttactaaag ggggaggaag ggagggcaaa gggatgagaa 1980
gacaagtttc ccagaagtgc ctggttctgt gtacttgctc ctttggtgtc gttggtgtag 2040
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<210> 826
 <211> 2109
 <212> DNA
 <213> Homo sapiens

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<400> 826
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tctgcgcgcc gcccggtctg gcgcccagag ccgctccgac tgctatgtga ccgcgaggct 180
gcgggaggaa ggggacaggg aagaagaggc tctcccgcgg gagcccttga ggaccaagtt 240
tgcggccact tctgcaggcg tcccttctta gctctgcct gccctttct gcagcctagg 300
cggcccaggt tctcttctct tctcgcgcg ccagccgccc tcggttcccg gcgaccatgg 360
tgacgatgga ggagctgcgg gagatggact gcagtgtgct caaaaggctg atgaaccggg 420
acgagaatgg cggcggcgcg ggcggcagcg gcagccacgg caccctgggg ctgccgagcg 480
gcggcaagtg cctgctgctg gactgcagac cgttctctgg gcacagcgcg ggctacatcc 540
taggttcggt caacgtgcgc tgtaacacca tcgtgcggcg gcgggctaag ggctccgtga 600
gcctggagca gatcctgcc gccgaggagg aggtacgcgc ccgcttgccg tccggcctct 660
actcggcggt catcgtctac gacgagcgca gccgcgcgc cgagagcctc cgcgaggaca 720
gcaccgtgtc gctgggtggtg caggcgctgc gccgcaacgc cgagcgccacc gacatctgcc 780
tgctcaaagg cggtatgag aggttttctt ccgagtaccc agaattctgt tctaaaacca 840
aggcctggc agccatcca cccccggttc cccccagcgc cacagagccc ttggacctgg 900
gctgcagctc ctgtgggacc ccactacacg accagggggg tcctgtggag atccttccct 960
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tcacggctct gttgaatgtc tcctcggact gcccaaacca ctttgaaggga cactatcagt 1080
acaagtgcac ccagtgga gataaccaca aggccgacat cagctcctgg ttcattggaag 1140
ccatagagta catcgatgcc gtgaaggact gccgtgggcg cgtgctggtg cactgccagg 1200

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cgggcatctc gcggtcggcc accatctgcc tggcctacct gatgatgaag aaacgggtga 1260
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 gcttcatggg gcagctgctg cagttcgagt cccaggtgct ggccacgtcc tgtgctgcgg 1380
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 cgcagttcgt cttcagcttt cgggtctccg tgggcgtgca ctcgcccccc agcagcctgc 1500
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 aggccagcca gaatggcaat aaggactccg aatacataat aaaagcaaac agaactctcc 1740
 aacttagagc aataacggct gccgcagcag ccagggaaga ccttggtttg gtttatgtgt 1800
 cagtttcaact tttccgatag aaatttctta cctcattttt ttaagcagta aggcttgaag 1860
 tgatgaaacc cacagatcct agcaaagtgt cccaaccagc tttactaaag ggggaggaag 1920
 ggagggcaaa gggatgagaa gacaagtttc ccagaagtgc ctggttctgt gtacttgtcc 1980
 ctttgttgtc gttgtttag ttaaaggaat ttcatttttt aaaagaaatc ttcgaagggtg 2040
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 taagacttt 2109

<210> 827
 <211> 394
 <212> PRT
 <213> Homo sapiens

<400> 827
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 Arg Leu Met Asn Arg Asp Glu Asn Gly Gly Gly Ala Gly Gly Ser Gly
 20 25 30
 Ser His Gly Thr Leu Gly Leu Pro Ser Gly Gly Lys Cys Leu Leu Leu
 35 40 45
 Asp Cys Arg Pro Phe Leu Ala His Ser Ala Gly Tyr Ile Leu Gly Ser
 50 55 60
 Val Asn Val Arg Cys Asn Thr Ile Val Arg Arg Arg Ala Lys Gly Ser
 65 70 75 80
 Val Ser Leu Glu Gln Ile Leu Pro Ala Glu Glu Glu Val Arg Ala Arg
 85 90 95
 Leu Arg Ser Gly Leu Tyr Ser Ala Val Ile Val Tyr Asp Glu Arg Ser
 100 105 110
 Pro Arg Ala Glu Ser Leu Arg Glu Asp Ser Thr Val Ser Leu Val Val
 115 120 125
 Gln Ala Leu Arg Arg Asn Ala Glu Arg Thr Asp Ile Cys Leu Leu Lys
 130 135 140
 Gly Gly Tyr Glu Arg Phe Ser Ser Glu Tyr Pro Glu Phe Cys Ser Lys
 145 150 155 160
 Thr Lys Ala Leu Ala Ala Ile Pro Pro Pro Val Pro Pro Ser Ala Thr

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165 170 175
 Glu Pro Leu Asp Leu Gly Cys Ser Ser Cys Gly Thr Pro Leu His Asp
 180 185 190
 Gln Gly Gly Pro Val Glu Ile Leu Pro Phe Leu Tyr Leu Gly Ser Ala
 195 200 205
 Tyr His Ala Ala Arg Arg Asp Met Leu Asp Ala Leu Gly Ile Thr Ala
 210 215 220
 Leu Leu Asn Val Ser Ser Asp Cys Pro Asn His Phe Glu Gly His Tyr
 225 230 235 240
 Gln Tyr Lys Cys Ile Pro Val Glu Asp Asn His Lys Ala Asp Ile Ser
 245 250 255
 Ser Trp Phe Met Glu Ala Ile Glu Tyr Ile Asp Ala Val Lys Asp Cys
 260 265 270
 Arg Gly Arg Val Leu Val His Cys Gln Ala Gly Ile Ser Arg Ser Ala
 275 280 285
 Thr Ile Cys Leu Ala Tyr Leu Met Met Lys Lys Arg Val Arg Leu Glu
 290 295 300
 Glu Ala Phe Glu Phe Val Lys Gln Arg Arg Ser Ile Ile Ser Pro Asn
 305 310 315 320
 Phe Ser Phe Met Gly Gln Leu Leu Gln Phe Glu Ser Gln Val Leu Ala
 325 330 335
 Thr Ser Cys Ala Ala Glu Ala Ala Ser Pro Ser Gly Pro Leu Arg Glu
 340 345 350
 Arg Gly Lys Thr Pro Ala Thr Pro Thr Ser Gln Phe Val Phe Ser Phe
 355 360 365
 Pro Val Ser Val Gly Val His Ser Ala Pro Ser Ser Leu Pro Tyr Leu
 370 375 380
 His Ser Pro Ile Thr Thr Ser Pro Ser Cys
 385 390

<210> 828

<211> 453

<212> DNA

<213> Homo sapien

<400> 828

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gacgggattg	ttgagcgtg	tgacctgcct	gaaatgcatg	tggttgattg	gatgctcttt	180
gaaaacatgg	gcgcttacac	tgttgctgct	gcctctacgt	tcaatggctt	ccagaggccg	240
acgatctact	atgtgatgtc	agggcctgcg	tggcaactca	tgcagcaatt	ccagaacccc	300
gacttcccac	ccgaagtaga	ggaacaggat	gccagcaccc	tgctgtgtgc	ttgtgcctgg	360
gagagtggga	tgaacgccca	cagagcagcc	tgtgcttcgg	ctagtattaa	tgtgtagata	420
gcactctggt	agctgttaac	tgcaagttaa	gct			453

<210> 829

<211> 452

<212> DNA

<213> Homo sapien

<400> 829

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gagaaaggga	agagctgaca	tgtgtacgta	tatgtatatg	caacacctgt	gagaccccca	180
ttcaggtcaa	ggaaaaccgt	tgctgcacc	ccaagggcc	catatttgcc	cctccccatc	240
acagtcctgc	ccttcaccct	caagcacggt	cctaaacttg	tctgcaactt	agaaacacct	300
ggagagcatt	gaaaactctg	ctgcctaagg	tcagcatcaa	tcaaaacaat	gaaatcaatg	360
aaacaatgaa	accagagctt	ctaggtgtgt	ggcctggata	gtggtagatt	caaagctcca	420
cccacctcat	cccaggtaca	ttttagtgtc	ag			452

<210> 830

<211> 450

<212> DNA

<213> Homo sapien

<400> 830

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tgcacgccct	gagctacagc	ctctcccaaa	aggcatcttc	cccacagcct	caacgcccgag	180
caaggagcat	caagggtttg	tctcggttgt	tttgttcttt	ttacaaacta	tagatatata	240
cagttgaaaa	ctcaggattt	ctagccaata	accatagtta	ccaccacctt	acaaataaaa	300
agaaaatgcc	agaaacatct	ttaaatgcct	tgtcacacca	acagcaaagt	gcacagagtg	360
aggagaacac	gagagtgcct	tttcatttta	aaaatgtttg	gaaatatgta	caactttgat	420
acagtttcag	ggtgctccag	acacccatgg				450

<210> 831

<211> 395

<212> DNA

<213> Homo sapien

<400> 831

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ccgcctgcct	gcctgccact	gaggggtccc	agcaccatga	gggcctggat	cttctttctc	120
ctttgcctgg	ccgggagggc	cttggcagcc	cctcagcaag	aagccctgcc	tgatgagaca	180
gaggtggtgg	aagaaactgt	ggcagagggt	actgagggtat	ctgtgggagc	taatcctgtc	240
caggtggaag	taggagaatt	tgatgatggt	gcagaggaaa	ccgaagagga	ggtggtggcg	300
gaaaatccct	gccagaacca	ccactgcaaa	cacggcaagg	tgtgcgagct	ggatgagaac	360
aacaccccca	tgtgctgtgt	ccaggacccc	accag			395

<210> 832

<211> 291

T0E050"92954960

<212> DNA
<213> Homo sapien

<400> 832
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ggtaatatct ctgtcttctc taactcccca tactcccttg tcttccactc tccacttagg 120
agttttttgt gagttatgtc cttgttgctt ttgcctcttt ttctttctag ccttgattgt 180
gccagaagac aatgtcccta ttcacacact ctttctgctt ttctgtgggc aggaacatgg 240
aaggggtgct gatggacgtg gactgtgaga gcgtctaccc cactgtgtag g 291

<210> 833
<211> 491
<212> DNA
<213> Homo sapien

<400> 833
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tacttggtgt tgctttgttt ggagggtgtg gtggtctcca ctcccgcctt gacggggctg 120
ctatctgcct tccaggccac tgtcacggct tccgggtaga agtcacttat gagacacacc 180
agtgtggcct tgttggtctg aagctcctca gaggaggcgc ggaacagagt gaccgagggg 240
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ccgtcccacg tctgacagta atagtcagcc tcatccatag cctgggtccc gctgatggtc 360
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ttattatctt gataaatgac taccacaggg gactggcctg gcttctgttg ataccaacaa 480
gcagatacct g 491

<210> 834
<211> 308
<212> DNA
<213> Homo sapien

<400> 834
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tacttctgcc gtgctggaga acatcgaact gaacaagaag agtatgtatt cccgtgtgcc 120
agagtgccag atcaccacat actattatgt tgggttcgca tatttgatga tgcgtcgta 180
ccaggatgcc atccgggtct tcgccaacat cctcctctac atccagagga ccaagagcat 240
gttccagagg accacgtaca agtatgagat gattaacaag cagaatgagc agatgcatgc 300
gctgctgg 308

<210> 835
<211> 472
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 835
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tagaaatctc cgccccgcgg gggcttatct gtactggtag ttcatgctgt ggtctgcgtt 120
tctgccatag ccgccttgtg aggactggta ggagctggga gggccactgt agttctggcc 180
ggacccccgg gagttgtagt tcgactgtga gtagcctcct tgtttgctt ggtatgagga 240

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gccgccccca gaacctccgc cgtagcccc gtgtgaccct gggttgtagg atgccccgcc 300
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 gtagntgtag tcggatccgc ccccgcccc gggagagttg tngganttcg agtaggagta 420
 gctgccttgt ccatggttat agcctttctg cttgccctgt ggagggccat ag 472

<210> 836
 <211> 354
 <212> DNA
 <213> Homo sapien

<400> 836
 ccagtgaac cttcagatag acacatgggtg accagagccc gccaggcttc tgcaggtggc 60
 agtgtcgagc aagtgtgaaga tgtctgtggg aaggagaagc tctgaaatg aacgttctgc 120
 aaacagaagg ctgaggggtc ttccaggcat gtccagtcac taggagctgc caccggtggg 180
 cttgagtgcc aggtctctagg ctttgtgcag aaagcaccgc gggcgggggg cggttaaggga 240
 gagcaaaatg ggtctctctc aactgcagtc agtgtctctg ggaacacggt ctcacagaca 300
 gcacatattc tacgtcacag ctctagggtt tcaaggactt agccatccga cagg 354

<210> 837
 <211> 318
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

<400> 837
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 tttgatgcgg aatctgccga gtgatggcgg ctccccaggg atgcgccgag ggagatggga 120
 aacggggcgg atggcgccca gccagccct aactgccagc cacattgaag cggacattgg 180
 caaccgggtc cccagccatg cgcagaaccg tgggtagcat gtgcttggtg gtgatgtcct 240
 gccacagac ctcagacggc acattgatgc agaagagcgt antcatgcgg tgcaggtagt 300
 tgggggtctcc ggacatgg 318

<210> 838
 <211> 277
 <212> DNA
 <213> Homo sapien

<400> 838
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 aaattctaca agggcaagaa gtacaagccc ctggacctgc ggcctaagaa ggcacgtgcc 180
 atgcgccgcc ggctcaacaa gcacgaggag aacctgaaga ccaagaagca gcagcggaag 240
 gagcggctgt acccgctgcg gaagtacgcg gtcaagg 277

<210> 839
 <211> 276
 <212> DNA
 <213> Homo sapien

<400> 839

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tgatctgtgg ctgggataag aagggtcctg gactctacta cgtggatgaa catgggactc    180
ggctctcagg aaatatgttc tccacgggta gtgggaacac ttatgcctac ggggtcatgg    240
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<210> 840
<211> 453
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

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<400> 840
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acttgaccat caaggagatg tcttgcatg cagaggatgt catcattgtc accagcagcc    120
taacaaaaga catgactggg aaagaagaca actaccgggg cccggccgtg cgagccctct    180
gccagatcac tgatagcacc atgctgcagg ctattgagcg ctacatgaaa caagccattg    240
tggaacaagg gcccagtgtc tccagctctg ccctcgtgtc ttccttgcac ctgctgaagt    300
gcagctttga cgtggtcaag cgctgggtga atgaggctca ggaggcagca tccagtata    360
acatcatggt ccagtaccac gcactanggc tcctgtacca tgtgcgtaag aatgaccgcc    420
tagccgtcaa taagatgatc agcaagggtcg cac                                453

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<210> 841
<211> 142
<212> DNA
<213> Homo sapien

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<400> 841
agcctctcta gtggcagagc agctcacact ccctccgctg ggaacgatgg cttctgccta    60
gtacctatcc ttgtgtttct gatgcagtgg tagcattggt tcaagtctc tcctgctgtg    120
gtcagagttg cttcgatggt gg                                142

```

```

<210> 842
<211> 83
<212> DNA
<213> Homo sapien

```

```

<400> 842
cctaaaagca gccaccaatt aagaaagcgt tcaagctcaa caccactac ctaaaaaatc    60
ccaaacatat aactgaactc ccc                                83

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<210> 843
<211> 482
<212> DNA
<213> Homo sapien

```

```

<400> 843
ccatcggtgt ctggcagatg cggcacctca agagcttctt tgaagccaag aagcttgtgt    60
agctgtccca ggcgtcacia cccatcctcc caggctgggg gagaaaggac ctcttggaa    120
tgacttcttc tgtcaggagg actggtttcc agccatacct gttctggaag ggagaggggc    180

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T05050" 92954850

ccacaaaaac	cagtcacaag	acctggagtt	gtctgtgcag	atgtacgccc	aagccgcoct	60
ggatggagac	tcccagggat	tttttaacct	ggccctgcta	atcgaggaag	gtacgataat	120
cccacaccat	atcttggatt	tcttggaaat	tgactcaact	ctccattcta	ataacatctc	180
cattctccag	gaactgtacg	aaaggtgctg	gagccacagt	aacgaggagt	ccttcagccc	240
ctgtcccttg	gcctggcttt	acctgcactt	gcggcttctc	tggggtgcta	tcctgcactc	300
agccctgatc	tactttctgg	gaacctttct	gctatccata	ttgatcgctt	ggactgtgca	360
gtatttccag	tctgtctcag	caagcgatcc	ccctccaaga	ccatcccagg		410

<210> 848
 <211> 557
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 848						
cacgggcccc	cagccctgtg	tgggccttgt	ctgtctcagc	tcaaccacag	tctgacacca	60
gagcccactt	ccatcctctc	tgggtgtgag	cacagcgagg	gcagcatctg	gaggagctct	120
gcagcctcca	cacctaccac	gacctcccag	ggctgggctc	aggaaaaacc	agccactgct	180
ttacaggaca	gggggttgaa	gctgagcccc	gcctcacacc	cacccccatg	cactcaaaga	240
ttggatttta	cagctacttg	caattcaaaa	ttcagaagaa	taaaaaatgg	gaacatacag	300
aactctaaaa	gatagacatc	agaaattggt	aagttaagct	ttttcaaaaa	accagcaatt	360
ccccagcgta	gtcaagggtg	gacactgcac	gctctggcat	gatgggatgg	cgaccgggca	420
agctttcttc	ctcgagatgc	tctgctgctt	gagagctatt	gctttgttaa	gatataaaaa	480
ggggtttctt	tttgtcttct	tgtaaggngg	acttccagct	tttgattgaa	agtcctaggg	540
tgattctatt	tctgctg					557

<210> 849
 <211> 525
 <212> DNA
 <213> Homo sapien

<400> 849						
ctgatggttt	ggaaatgaga	gaactacagt	ggtgaagaga	ccaggaggca	gctctcagtg	60
aaaccaacat	tgcggatgcc	cttcgtgagc	cttctcagtc	ccagcaggaa	gcccacaaca	120
ctggcctccc	cagcctgcct	gctgacaaca	cctaggctta	ctttatctaa	aatcagagtg	180
taccaggtct	gtagcagaaa	ataatcaact	aaatgtcagg	gacctatgag	tcatttaaaa	240
caaaagagga	agtgaagcc	attaggcaag	ctatgtgctg	ggctgctaac	gtagcccctg	300
caggagggg	tcaggagcgc	gctgcagtga	gccttggtgc	tcgcaggccc	agccctgctg	360
caaggagcca	gggcacccag	gaaacatcag	cacacacaca	cacagggacc	ctcccttcac	420
gtcacttggt	ttgctgccct	aaatggcttc	ttgcacccta	accctgatc	ctggaagaag	480
gcagagagac	tggcccgtac	agagacctgc	aattctacgc	aagct		525

<210> 850
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 850						
cctcttggag	cacatccttt	actgcattgt	ggacagcgag	tgtaagtcaa	gggatgtgct	60
ccagagttac	tttgacctcc	tgggggagct	gatgaagttc	aacgttgatg	cattcaagag	120

attcaataaa	tatatcaaca	ccgatgcaaa	gttccaggta	ttcctgaagc	agatcaacag	180
ctccctggtg	gactccaaca	tgctggtgcg	ctgtgtcact	ctgtccctgg	accgatttga	240
aaaccagggtg	gatatgaaag	ttgccgaggt	actgtctgaa	tgccgcctgc	tcgcctacat	300
atcccagggtg	cccacgcaga	tgctcttcct	cttccgcctc	atcaacatca	tccacgtgca	360
gacgctgacc	caggagaacg	tcag				384

<210> 851
 <211> 423
 <212> DNA
 <213> Homo sapien

<400> 851	
ctcaggaaaa	accagccact gctttacagg acaggggggtt gaagctgagc cccgcctcac 60
acccaccccc	atgcactcaa agattggatt ttacagctac ttgcaattca aaattcagaa 120
gaataaaaaa	tggaacata cagaactcta aaagatagac atcagaaatt gttaagttaa 180
gctttttcaa	aagatcagca attccccagc gtagtcaagg gtggacactg cagctctctgg 240
catgatggga	tggcgaccgg gcaagctttc ttctctgaga tgctctgctg cttgagagct 300
attgctttgt	taagatataa aaagggggtt ctttttgtcc ttctgtaagg tggacttcca 360
gcttttgatt	gaaagtccta ggggtattct atttctgctg tgatttatct gctgaaagct 420
cag	423

<210> 852
 <211> 413
 <212> DNA
 <213> Homo sapien

<400> 852	
ctgaaaacag	tgggaggcca gatgctggca tcttccagac gggagcatag ccatggtcac 60
tctagccgat	gtctcctggg gctctcaggc ggcaaggacc agatgcacca ctactgtcca 120
atcccagttt	tacttagagc cacctccttt tttggggcca ttagtcctta tttcatgcca 180
gattttcact	agcggctccc tgttcttcca aatcaattca tgaccgtaag taacatacca 240
tattccaaaa	agagctcccc caagatgtgc cgcgatgaca aaaaatttcc atcccaggat 300
cattcctgct	gtatccatgg cgataatggc tttcagggca ttccctgctg tgaacgtgaa 360
catcggaagg	aaaataatgg caagcctccc ttctgggata ttagtgcaga cag 413

<210> 853
 <211> 288
 <212> DNA
 <213> Homo sapien

<400> 853	
atctgtgagt	tctgagaggc atttaggcca tgggacaggg aggatcctgt ctggccttca 60
gtttccatcc	ccaggatcca cttgggtctgt gagatgctag aactcccttt caacagaatt 120
cacttggtggc	tattagagct ggaggcacc ttaggcactt cattcccctg atgggcctg 180
actcttcccc	ataatcactg accagccttg aactcccct tgcaaaccat cccagcactg 240
cacccagggc	agccactcct agccttggcc tttggcatga gatggggg 288

<210> 854
 <211> 427
 <212> DNA
 <213> Homo sapien

<400> 854	
ccaagtgaga	tcagccctca agggcacatg ccaagggcag agcagcccat gtagacagct 60

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tcggagggca tgggggtgta gggagttcgg ggtagctcct cattaactat ttgttgggtg 120
agtaaagggg tgaggctcag tggcaggtac ctctgcaatg acaagctgcc tccccctctat 180
gtgttttagca tatgttatta gaacgtgtcc gacacccta ccgctgccat ttgggccctt 240
taataaagcc aagtagagaa atctggcaat aaaaggcaaa tgtaagcatg ctttctttaa 300
gacgcatcat aaatggtttt ctttaagtga atggaagagt ttgacagaga tacacctttg 360
taagaaaaca ttaagaatgc tggctgactg tggtagctca cacctgtatt cccagcactt 420
tgggagg 427

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<210> 855
<211> 311
<212> DNA
<213> Homo sapien

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<400> 855
ccagtattcc tggaggatat aacactgaca tcagcagggt tttcaatggc aacaattgca 60
cgagctgcca gcagaagctt ctcccaggtc ctcttgagat ttatgatata gatgccatca 120
cttttccttt tatagatgta ctgttccatc tggaagtcaa gattggtgcc acctaagtgg 180
gttcctgctg caaggaactt aaggacatcc tcctccttca tttgcaggac atcaagggct 240
ccggacattg tgaaagtttc cctttaagtt acgacgggaa tccagaacaa cgccgtatgg 300
acccctctgc a 311

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<210> 856
<211> 328
<212> DNA
<213> Homo sapien

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<400> 856
cctatggaag tttggtgctt tgctccctgt gtttgogaaa caggatatctc gtgatttcag 60
aaaagcttga ggagattaag tctttccggg agctgacctg cctggatctt tcctggtgca 120
agcttgagaa tgagcatgaa cttctagaac atctcaacaa tgaagccctg tctagtgtaa 180
ctcagctcca cctgaaggat aattgtctat ctgatgctgg ggtgcggaag atgacagcac 240
cagttcgagt gatgaaaaga ggtatccaat gcctgcatct gtgatctcag gggtacatga 300
taagtctaata aatgttagat tctcaagg 328

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<210> 857
<211> 502
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

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<400> 857
ctgaccggac cggctcatgcc cgtccggaac gtctataaga aggagaaagc tcgagtcac 60
actgaggaag agaagaattt caaagccttc gctagtctcc gtatggcccg tgccaacgcc 120
cggctcttcg gcatacgggc aaaaagagcc aaggaaagcc cagaacagga tgttgaaaag 180
aaaaaataaa gccctcctgg ggacttgaa tcagtcggca gtcagtctgg gtctccactg 240
ggtgtgtttc gtgggaacaa ctgggcctgg gatggggctt cactgctgtg acttcctcct 300
gccaggggat ttggggcttt cttgaaagac agtccaagcc ctggataatg ctttactttc 360
tgtgttgaag cactgtttgg tgtttggtta gtgactgatg taaaacgggt ttcttgtggg 420
gaggttacag aggtgactt cagagtggac ttgtgttttt tcttttttaa gangtaaggt 480
tgggctgggtg ctcacagacc tc 502

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<210> 858
 <211> 411
 <212> DNA
 <213> Homo sapien

<400> 858
 cgcccgaggt ccttaatagt taagttacag ctaagaatgt catgtcttgg gttggaattt 60
 tcatttttag caccgttaat gtattcactt aaatctatgt tagcaccttg tctccaggca 120
 gaacaacaaa ccatccaaac attttaaaaca ttgggggaaa cacgaagggg agggttaaag 180
 acagaatcca gtactgtgga aggagtggat ttagatcaca agatccttgt cgatatacctt 240
 ctgcttgatg ccgaagcagc cggcccaactc atccagggcg atgtacttgt cattgtccag 300
 gtcacaggtc tcgaaaaagc ggggtggtgca atgctccatg gggatgaggg gagcacgcag 360
 tggagccagc tcggtgtggg agagggtaccc gtcaatgggg tgctggtcca g 411

<210> 859
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 859
 aaatcacaga gggacttagt attccattaa tgcaaattgga aacattaagt tcatcatcag 60
 atgataaaaag gaaaaaaaaa acctgatact catctcaaaa gacgcagaga agacatctgc 120
 ataaatccag tacctattat tatttcaaat ttaaaaaactt cttctttttt aagagatagg 180
 gtatcactat gttgcccagg ctgatcttga actcttggcc tcagatgatc ct 232

<210> 860
 <211> 235
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 860
 tgcccagaaa ggaaggggct attgectcct cccagccacg ttccctttcc tcctctccct 60
 cctgtggatt ctcccatcag ccatctgggt ctctctttaa ggccagttga agatgggtcc 120
 ttacagcttc ccaagttagg ttagtgatgt gaaatgctcc tgtccctggc cctacctcct 180
 tcctgtccc caccctgca taaggcagtt gttggttttc ttccccaatn ctttt 235

<210> 861
 <211> 457
 <212> DNA
 <213> Homo sapien

<400> 861
 ccaaaggaaa gttggaaggc aactgacaga ttctgccttt taggtacttg aactggcagg 60
 aaatgcataa aaagacttaa aggtaaagcg tattaccctt cgctacttgc aacttgctat 120
 tcgtggagat gaagaattgg attctctcat caaggctaca attgctggtg gtggtatggt 180
 aacttctaac attttaaaaa atttcttcag aggaagggaat tttttgctgc ttttaattag 240
 tttttccagg agaggaaatt taagtatatt ttcaatgatg gaagtatggt tgtatcatga 300
 aatttgattt atatgtataa ctcaatgaat ttttacctca tacttgagct gcatgttttt 360

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aaagatacct ttcaagttga acagtataca ctttcttggt ttcaaatact gtgatttttt 420
 aaaaaatcct aagtagaatt aattcctgtc actcccc 457

<210> 862
 <211> 561
 <212> DNA
 <213> Homo sapien

<400> 862
 ccaggtcatc accattggca atgagcgggt ccggtgtccg gaggcgctgt tccagccttc 60
 cttcctgggt atggaatcct gcggcatcca cgagaccacc ttcaactcca tcatgaagtg 120
 tgacgtggac atccgcaaag acctgtacgc caacacgggt ctgtcgggcg gcaccacat 180
 gtatccgggc attgccgaca ggatgcagaa ggagatcacc gccctggcgc ccagcaccat 240
 gaagatcaag atcatcgcac ccccagagcg caagtactcg gtgtggatcg gtggctccat 300
 cctggcctca ctgtccacct tccagcagat gtggattagc aagcaggagt acgacgagtc 360
 gggccccctc atcgtccacc gcaaagtctt ctaaaccggac tcagcagatg cgtagcattt 420
 gctgcattgg ttaattgaga atagaaattt gccctggca aatgcacaca cctcatgcta 480
 gctcacgaa actggaataa gccctcgaaa agaaattgtc cttgaagctt gtatctgata 540
 tcagcactgg attgtagaac t 561

<210> 863
 <211> 291
 <212> DNA
 <213> Homo sapien

<400> 863
 ccatagctgt cccacctatg gttttaaaaa cagactgtaa cttgatcttc tgaaatcctt 60
 ctgcaaccac aactcgttct gttaaagaaa tcctaggaaa gaagtcctac tgatattgtc 120
 gatagtctcc aaaagggtgag gaaggtaact gagttgaagg caactgggag gggctctctg 180
 caaactgagg accattggaa aactgtgcag aggcaaattc tgtcaacaag ataccagctc 240
 cttcaattaa agctaggaga atgccaccca ttgcggtgta cccaaccatg g 291

<210> 864
 <211> 265
 <212> DNA
 <213> Homo sapien

<400> 864
 ctgaactttt ccacctggag tccttgggaa taccggacgt gatcttcttt tataggtcca 60
 atgatgtgac ccagtctctgc agttctggga gatcaaccac catccgcgtc aggtgcagtc 120
 cacagaaaac tgtccctgga ggtttgtctg tgccaggaaac gtgctcagat gggacctgtg 180
 atggctgcaa cttccacttc ctgtgggaga gcgcggctgc ttgcccgtc tgctcagtgg 240
 ctgactacca tgctatcgtc agcag 265

<210> 865
 <211> 144
 <212> DNA
 <213> Homo sapien

<400> 865
 cctccacctg cgttttgatc tagatgagca tattgtccat ctcccacagc ttgctccggt 60
 tccgcaggta cggccgcccg tgctcgcgcg tcagcgacgc gatgtcctcg cgcattctctg 120
 tgatgaccgg gagcagaaac tgct 144

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<210> 866
 <211> 241
 <212> DNA
 <213> Homo sapien

<400> 866
 ctggctgtaa gtagcttcat agcaccagtc tttgagaatg tcaagctctc cagaaatcat 60
 ggctccagg acattgggga tgatgtcggt ctgcactgt ttcagaaacc ggtccttgtc 120
 aaaggccggg tccaccggga ggatctccgt gagcacctcc gacatctctg tcttgagaa 180
 caggccccc agcaagtcgg tgaccttgtc cgtaagggcc cgggatgccc ggatgaacgc 240
 g 241

<210> 867
 <211> 364
 <212> DNA
 <213> Homo sapien

<400> 867
 cctgggcccg ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
 ttatttactg agatggagtc ttgctctgtc acccaggctg gagtgcagtg gtgcaatctc 120
 ggctcactgc aacctctgcc tcttgggctg cagtgtattct cctgcgttca agtaattctc 180
 ctgcctcggc cttctgagta gttgggatta caggcatatg ccaccacact tggctaattt 240
 ttctgatttt tagtagaaat ggggtttcac catgttggcg aggctggtct cgaactcctg 300
 acctcaagga tcctcctgcc tcggcctcct aagggtgctgg gattgcaggt gtgagccacc 360
 acgt 364

<210> 868
 <211> 472
 <212> DNA
 <213> Homo sapien

<400> 868
 ccaccagtc acagatgtga ctggtaaggg atctagtaac agaggatgga gttgggcaga 60
 atattatcct ggatgatatg caccagcac taggatacac ctttcattag aatgaagaga 120
 acagacaaag ccctcagaaa agatacaaa gacagacat tgattagaac attatctcat 180
 aacagagggtg gggccattac ccaccattat tgtaaaataa ctgtaactaa ccaaaacaca 240
 tacaggcttc tttaatggag ttaataaaac tatggcacat tgggaatcag gggcagaggt 300
 actgttccca gacggaaaac tgggataaa gaggccatgc tgacagggcc ttattccagt 360
 ctaggttggt agaaaggagc cctagcccag aaatgacagc aaatagccat aatcattatg 420
 tggggctgaa ccagaggaag ccaggctgag ccaagaagct ggaagtatct tg 472

<210> 869
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 869
 cctttcttgt aagtgaagaa aaaggaatgc agcaaagaag agttcgacat tggagtcctt 60
 agttccatca ggatcccatt cgcagccttt agcatcatgt agaagcaaac tgcacctatg 120
 gctgagatag gtgcaatgac ctacaagatt ttgtgtttt tagctgtcca ggaaaagcca 180
 tcttcagtct tgctgacagt caaagagcaa gtgaaacctt tccagccta aactacataa 240
 aagcagccga accaatgatt aaagacctct aaggctccat aatcatcatt aaatatgccc 300
 aaactcattg tgacttttta ttttatatac aggattaaaa tcaacattaa atcatcttat 360
 ttacatgg 368

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<210> 870
 <211> 411
 <212> DNA
 <213> Homo sapien

<400> 870
 ggcgtgtcct tggacttaga gagtggggac gtccggcttc ggagcgggag tgttcgttgt 60
 gccagcgact aaaaagagaa ttaaataatgg gtgatgttga gaaaggcaag aagattttta 120
 ttatgaagtg ttcccagtg caccaccgttg aaaaggagg caagcacaag actgggccaa 180
 atctccatgg tctctttggg cgggagacag gtcaggcccc tggatactct tacacagccg 240
 ccaataagaa caaaggcatc atctggggag aggatacact gatggagtat ttggagaatc 300
 ccaagaagta catccctgga acaaaaatga tctttgtcgg cattaagaag aaggaagaaa 360
 gggcagactt aatagcttat ctcaaaaaag ctactaatga gtaataattg g 411

<210> 871
 <211> 385
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 871
 tttttttttt ttnnnntttt ttttttnaaa gattcacttt atttattcat tctcctccaa 60
 cattagcata attaaagcca aggaggagga gggggggtga ggtgaaanat ganctggagg 120
 accgcaatag gggtaggtcc cctgtggaaa aagggtcana ggccaaagga tgggaggggg 180
 tcaggctgga actgagganc aggtgggggc acttntccct ntaacactnt cccctgttga 240
 agctntttgt gacgggcnan ctgaggccct gatgggngac ttncnaggcg tanactttgt 300
 gtttctcgna ntctgctttg ctcanctgca ggggtgctgnt gaggctgtan ggtgctgtcc 360
 ttgctgtcct gctntgngac actct 385

<210> 872
 <211> 184
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 872
 cttccttcgg tcttttantat ttttgattgt tatgtaaaac tcgcttttat tttaatattg 60
 atgtcagtat ttcaactgct gtaaaattat aaacttttat acttgggtaa gtccccagg 120
 ggcgagttcc tcgctctggg atgcaggcat gcttctcacc gtgcagagct gcacttggcc 180
 tcag 184

<210> 873
 <211> 397
 <212> DNA
 <213> Homo sapien

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<400> 873
 ctgtgggctc tgaatggcgt ccctttggct atccacgccg ccggcgacca ctgaattctg 60
 tggttctaca acagggctctg gctgaccgaa ttgtcagaga cgtccaggaa ttcatacgata 120
 accccaagtg gtacactgac agaggcattc cttacagacg tggctacctg ctttatgggc 180
 cccctgggtg cggaaagagc agttttatca cagccctggc tggggaactg gagcacagca 240
 tctgcctgct gagcctcacg gactccagcc tctctgatga ccgactcaac cacctgctga 300
 gcgtggcccc gcagcagagc ctggtactcc tggaggatgt ggatgctgct tttctcagtc 360
 gagacttggc tgtggagaac ccagtaaagt accaagg 397

<210> 874
 <211> 156
 <212> DNA
 <213> Homo sapien

<400> 874
 ccagaagaac actatgccat gggtgcactg aattttgtgc ctactctagg gcaaacagaa 60
 ttacaatcga aggagttcct atctatctgt aaagaagaga acatgaaatt ctgttggcag 120
 aagcagcatt ttgaagaaat aaaagggtca ctgcag 156

<210> 875
 <211> 512
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(512)
 <223> n = A,T,C or G

<400> 875
 ccagcatagc gaaaacttgt ctctactaaa aatacaaaaa ttagtcaggc atggtggtgc 60
 acgtctgtaa taccagcttc tcaggaggct gaggcacgag gatcacttga acccaggagg 120
 aggaggttgc agtgagctga gatcatgcc a gggcaacaga atgagacttt gtttaaaaaa 180
 aaaaaaagtg acttgattta agggaaaaaa tgactggcta tattcagtca gatatggcaa 240
 agagtctcaa ggtgttaatg tgaatgatta aggtcttggg gggggtgtcc cctatcagac 300
 tacaggtgtt tagaggcaca gaaaaagggtg cagttgggtt cttaatgtga aatgatgaga 360
 agcacaactc cagtgtgtct ctttgtgtag aatgtcagca gacacccct gctagatgtg 420
 ctggatcatg ggaaagcatt tccatttgtt aatagattgt tcagaagttt taatttatga 480
 tgggtgtggt ggctcatgcc tgtngtccca gc 512

<210> 876
 <211> 199
 <212> DNA
 <213> Homo sapien

<400> 876
 cctgtgccgg gccccagggc tggcagccac cagctcctct tccaggcatg ggggacaccc 60
 tgacaggatc cggaagtctc catttacc aaaaatgcaag agccatgatc agtcatggcg 120
 aactgcagg cggtactgag tgacctgtc cagtcgggct ccgtccctcc cacacggggg 180
 acaagcttct ccgaggagg 199

<210> 877
 <211> 486

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<212> DNA
<213> Homo sapien

<400> 877
cgcggtgtgct gctcccttct gccaggagcc cactgctttt gcacacaagc tgcattttgc 60
gcattgactc aggtcccagt tgctcttcat atctccgtga atgattggag tgcaaagata 120
ctgttctgag cgcttcccgt tttctgaaag ccatgtctct caggcatgcc tcgcttagtt 180
ggcgatgggg ttggttgact gttttcgctt ttttcttctt ctcttttctt cttcttcttc 240
tttttttttc ttttcctttt ctccccctcc caacgccact gacaagaaag cactaaagat 300
gcaggttgtg cgatcaccct ataacataag gaaaagaaca ggagaggta atttgaacgt 360
gtaggctagt ggtagaggga gatggaggtc tggggaaga gtctgtcagg tagacatctc 420
ttttaacatg tcccagtatt cggttcacca gtatctctgc acctcactac tacccttcac 480
tccttg 486

<210> 878
<211> 363
<212> DNA
<213> Homo sapien

<400> 878
cctgggcccg ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
ttactgagat ggagtcttgc tctgtcacc cagctggagt gcagtgggtgc aatctcggct 120
cactgcaacc tctgcctcct gggctgcagt gattctcctg cgttcaagta attctcctgc 180
ctcggccttc tgagttagtg ggattacagg catatgccac cacacttggc taatttttgt 240
atttttagta gaaatgggtt ttcacatgt tggcgaggct ggtctcgaac tcctgacctc 300
aaggatcctc ctgcctcggc ctcctaaggt gctgggattg cagggtgtgag ccaccacgtc 360
tgg 363

<210> 879
<211> 365
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 879
gcccattgcca gcgtgtgggt agcaagcaca acttgtggct gctgtccttc ctgaggaggt 60
ggaatgggag cacagccatc acagacgata ccctgggtgg cactctcacc attacgctgc 120
ggaatctaca accccatgat gcgggtctct accagtcca gagcctccat ggcagtgagg 180
ctgacaccct caggaagggt ctgggtggagg tgctggcaga cccctggat caccggaatg 240
ctggagatct ctggttcccc ggggagtcct agagcttcga ggatgccat atggagcaca 300
gcatctccag gagcctcttg gaaggagaaa tccccctccc acccacttcc atccttntcc 360
tcctg 365

<210> 880
<211> 431
<212> DNA
<213> Homo sapien

<400> 880
ccatctcccc tcacccaac ctggataaaa tgttacacta cccactaata taaccactga 60

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cacacaaacc aagctccttc cagtttaaca ttgaacatca atctacattt ccagtgaatg 120
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 tgattccatt agcctgccct atagctcagg tggccaaga tggagcctat catcttcctt 240
 ggggtgtttg gtgtttccaa gtaggagcat aaaaaggata ccgtccccta cccaccacc 300
 ccatcccaca taccctcact ggcattccagg agaccagcag caggctcaag accccaaatg 360
 ttgggcacca caaataatgt gatattgtgcc aggagcacgg ggggtagggg tgaaagagaa 420
 aaacaataag g 431

<210> 881
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 881
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 agcctgcctc atttccaaat gagagcacta gaagcacaaa tcatgcagac catttactat 120
 ataacttatg aaaaatgctg tacagggctg tgactataga tatagagtat ttggctctgt 180
 ttgggaattg atatctacaa gggggagggt caggggagga ctgtctgata tcttgacttg 240
 ctgggatggt ggagaagctg ggatggggga ggccccaatc ttgctgcacg gctacacca 300
 ctctccttt cctagataag gctggagcgc actgg 335

<210> 882
 <211> 353
 <212> DNA
 <213> Homo sapien

<400> 882
 atgcactcaa agattggatt ttacagctac ttgcaattca aaattcagaa gaataaaaaa 60
 tgggaacata cagaactcta aaagatagac atcagaaatt gttaagttaa gctttttcaa 120
 aaaatcagca attccccagc gtagtcaagg gtggacactg cacgctctgg catgatggga 180
 tggcgaccgg gcaagctttc ttcctcgaga tgctctgctg cttgagagct attgctttgt 240
 taagatataa aaaggggttt ctttttgtct ttctgtaagg tggacttcca gcttttgatt 300
 gaaagtccta ggtgtattct atttctgctg tgatttatct gctgaaagct cag 353

<210> 883
 <211> 193
 <212> DNA
 <213> Homo sapien

<400> 883
 ctggcagaga agaattggcta cgtgactgtc agtgagatca aagccagtct taaatgggag 60
 accgagcgag cgcggcaagt gccggaacac ctgctgaagg aagggttggc gtggctggac 120
 ttacaggccc caggggaggc ccactactgg ctgccagctc tcctactga cctctactcc 180
 caggagatta cag 193

<210> 884
 <211> 461
 <212> DNA
 <213> Homo sapien

<400> 884
 ctgaagaacc ccatcagcgg gctgttagaa tatgccaggt tcgctagtca aacctgtgag 60
 ttcaacatga tagagcagag tggaccaccc catgaacctc ggtaagagac caccaggaa 120
 ctgtacctag gggtgggggc aggtgctttt gctcctgacg cagtcttggc tgatttgtga 180

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gcagtgctgt ttggtggcgc ctatcttttc ctccttcctt tctgcctttt agctaaattc 240
 cccttgattg gcccttttct cagatattga gcagggaata tagaccttg accagccaga 300
 atcttggtcg aacaaggggg aggttgactc tggtggctgt aatgaagctt ctttagaaat 360
 gattggtttt ggccgtacgc ggtggctcat gcctgtaatc ccagcacttt ttgaggccga 420
 ggcaggcata tcacgaggtc aggagtttga gaccagcctg g 461

<210> 885
 <211> 266
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 885
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 ggctgcacca ccagtcatga ggatctcaga ccagagctcc aggaagttct gctgttggtc 180
 tgataccaag agtaccttca gattctggaa aggattttca cggggttgcc agtccagaat 240
 tctttgctcc tcaaggctgt acccag 266

<210> 886
 <211> 402
 <212> DNA
 <213> Homo sapien

<400> 886
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 cgatgtcaca ccaggaaggt tgttgagcat ttcttcaaca tcttcaattg tttcctttgt 120
 aacctgtagg tccccgatgt ttaatttttag agctccaatt gctgttttac acaggatcac 180
 tgcctcatca ttacttttca ccttctcacg agtcttttcc agaaaagtaa gagccacatt 240
 aggatcagtc atctgtctaa ctacatgaag aatgatttcc acgagggaca aagggttcac 300
 cctgtgttca aattcactga taaagttttc ataaagctta atgagaccat ctccttgggc 360
 aaagcacgga tcctgcacaa aatcaagcac ctgaagtgtc ag 402

<210> 887
 <211> 342
 <212> DNA
 <213> Homo sapien

<400> 887
 ccaaagcgag agcattggca gtgaattgca gacactcttc cttggtcatt ccttcccggg 60
 aggtagcatc aacatagcca tagatgtagg agctcccgga gcctccaatg gcaaaggact 120
 gccttaccat catacccccc ataggcactg agtacacctg cctccttct tgagggtccc 180
 agcctgcgat gatgattccc gccatcaggt cttcccggta tcggtaacac atctccttaa 240
 agaggctggc tgctgtgtgg accagtggag gctcattcag ttcaatgctg tggaaaccga 300
 gctggtaggg gacagcatca gctactgcct gggatatcag ag 342

<210> 888
 <211> 228
 <212> DNA
 <213> Homo sapien

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<400> 888
 cgcgtcggcc aaggctgctg ctgttgctcc tccaaagaag gttggcttca aggccgtgtc 60
 cagggaccca cgagcagagg cactgggggg caagggatct ccaagggggc aagggatccc 120
 taaagggggg agctcacagg tgaggggggt tagggcccct ctaggagagc cctgaggcca 180
 tacattcaag agtgtccctg gtgagggcca gggaagagcc aggactgg 228

<210> 889
 <211> 378
 <212> DNA
 <213> Homo sapien

<400> 889
 ttggcttttc tccccttctc atcctcctct cccctttcct cactgaaggc tgtgagttgc 60
 tttcaatgtg acaacactat gatgtcattt ggaaggattt gccaggacag actgattctg 120
 agtctgggt gccgtatgtg tatgcggcag tgttgtcagg cgatcttggt tgaagctcta 180
 tgttgccata attaccatca agtacacact gttggcaaaa ggctaacacc tgactttagg 240
 aaatgctgat ttgagaacaa aaggaaagggt cttttttcac tgcttaaagt ggggtcactt 300
 tgataccttt gcggtcatgt ctgtgtctga tgagtgtaga atctctggat gtgcactgtc 360
 agtcatgtgt ccaccagg 378

<210> 890
 <211> 215
 <212> DNA
 <213> Homo sapien

<400> 890
 ccatttttga gtgtgtccat tgggtagcaa tgtggaaacc accagggcct ttgtggagaa 60
 aatggagggg gttgagggag tcccaggagg ggcttatttg agggcctttg ccacttgctc 120
 ataggcgagc tcgatctcct catcatctgg acagggtggaa gcgaattctt cccgggcgta 180
 ggcattgctc aagtaccgat gcactccccg gaagg 215

<210> 891
 <211> 412
 <212> DNA
 <213> Homo sapien

<400> 891
 ctggtcaagt tcaacagagc cttggctgac cattctatgg ctcaggcacc tcggttcatt 60
 gatggcattg ttcttaccaa atttgatacc attgatgaca aggtgggagc tgctatttct 120
 atgacgtaca tcacaagcaa acccatcgtc tttgtgggca ccggccagac ctactgtgac 180
 ctacgcagcc tcaatgcaa ggctgtggtg gctgccctca tgaaggctta acgtggctct 240
 tgcccaatac caaatcgccg ctttccccac aagcccttct tctgtatca agaattgtgt 300
 ttagagtatg tgagcaacct gtcttcagt tagtacaaag gcagagttag ggggcttgtg 360
 gctccttcca accccactcc ccgttcagca cagccgccat ctgcaaggaa gg 412

<210> 892
 <211> 472
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(472)

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<223> n = A,T,C or G

<400> 892

tttttttttt	tttttttttt	ttaattacta	ccttttattc	taatgtgaac	catggccctg	60
aaagctgata	acaagcttgg	ctgancagag	ggaactaggg	gtcggcagaa	aggattatgg	120
gtggaaaaca	ttggctcttc	cttggggagt	gatgctgggg	aaagggaana	nagtggctca	180
ncctgcaggt	aaataggcta	naaaagccaa	ggccaaaggc	tggaggggag	aggacagtca	240
gcatgtccag	cctggggtct	gggtgtaggg	ttatcccttc	tccctgtgcc	ttcccatctc	300
gtccatgagc	ctaggtcttg	gagccttgtg	ttggaggctg	ctgtgatgtc	aggaacgggg	360
atctgtctag	cttttgGCCA	cttcctggga	cctcacgcc	ctgttgacag	atggagattg	420
ggcagcaggg	ccttgctgcg	ttgttatctg	ctgttccgac	ttggtttgtc	tt	472

<210> 893

<211> 477

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 893

caaagattca	ctttatttat	tcattctcct	ccaacattag	cataattaaa	gccaaggagg	60
aggagggggg	tgaggtgaaa	gatgagctgg	aggaccgcaa	taggggtagg	tcccctgtgg	120
aaaaagggtc	agaggccaaa	ggatgggagg	gggtcaggct	ggaactgagg	agcaggtggg	180
ggcacttctc	cctctaacac	tctcccctgt	tgaagctctt	tgtgacgggc	gagctcaggc	240
cctgatgggt	gacttcgcag	gcgtagactt	tgtgtttctc	gtagtctgct	ttgctcagcg	300
tcaggggtgct	gctgaggctg	taggtgctgt	ccttgctgtc	ctgctctgtg	acactctcct	360
gggagttacc	cgattggagg	gcgttatcca	ccttccactg	tactttggcc	tctctgggat	420
agaagttatt	cagcangcac	acaacanang	cagtttccag	atttcaactg	ctcatca	477

<210> 894

<211> 289

<212> DNA

<213> Homo sapien

<400> 894

ctgtcttatg	gctatgatga	gaaatcaacc	ggaggaattt	ccgtgcctgg	cccatggggt	60
ccctctggtc	ctcgtggtct	cctggcccc	cctggtgcac	ctggtcccca	aggcttccaa	120
gggtccccctg	gtgagcctgg	cgagcctgga	gcttcaggtc	ccatgggtcc	ccgaggtccc	180
ccaggtcccc	ctggaaagaa	tggagatgat	ggggaagctg	gaaaacctgg	tcgtcctgggt	240
gagcgtgggc	ctcctgggcc	tcagagtgtc	cgaggattgc	ccggaacag		289

<210> 895

<211> 179

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

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<400> 895
 ctggatgggt ccanacaaag tggaatccct ggaaccttta actgagcagt gaaggtcagt 60
 gcctcagagc ctgagagatg aacaggacca gagagagagg tgggcaggca ggcacaaggt 120
 tatgtcttcc tcagactcgg aaccctgctc ttctccacca tccagacgtt cagctacag 179

<210> 896
 <211> 557
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 896
 ccactcactg ctgggaccca ggcacctccc ttctccatcc tctctggatt gtcagtaatg 60
 tcctggaaca gaagcctgtg ggatggcctt gggcacggag aagccctggg gtcagtgtcg 120
 tgacaggatg gcggcagtggt tgaaccagg aggctgaacc cggcccacca cggaagatga 180
 gtgcatggca accgcctgcc ttacagtcgc tccacttggg aacccaagg tctgggctgt 240
 tctaggtatt gcttcacgtg cccagcaag cccttaacaa gagggcctgg tccctgaag 300
 aaccaatccc aggaaggggc cttgatccct ccgccttgct gagagtgaac cctcgtctct 360
 cctcacnctc catttcattt ctgggaattg gggcttagtt tcgaaccttt ggcaaggctg 420
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 ggctcggca gaagactgct gccacacttc cgaatcattc tgcttgccaa ataggtcatc 540
 ttcaccagtt gactgac 557

<210> 897
 <211> 495
 <212> DNA
 <213> Homo sapien

<400> 897
 ctggaatctc ctttgcaatc ccatctgata agattaaaaa gttcctcacg gagtcccatg 60
 accgacaggc caaaggaaga gccatcacca agaagaagta tattggatc cgaatgatgt 120
 cactcacgtc cagcaaagcc aaagagctga aggaccggca ccgggacttc ccagacgtga 180
 tctcaggagc gtatataatt gaagtaattc ctgatacccc agcagaagct ggtggtctca 240
 aggaaaacga cgtcataatc agcatcaatg gacagtccgt ggtctccgcc aatgatgtca 300
 gcgacgtcat taaaagggaa agcaccctga acatggtggg ccgcaggggt aatgaagata 360
 tcatgatcac agtgattccc gaagaaattg acccataggc agaggcatga gctggacttc 420
 atgtttccct caaagactct ccctggtgatg acggatgagg actctgggct gctggaatag 480
 gacactcaag acttt 495

<210> 898
 <211> 406
 <212> DNA
 <213> Homo sapien

<400> 898
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 gacacaggga gtctgcatgt ctaagtgcta gacatgctca gctttgtgga tacgcggact 120
 ttgttgctgc ttgcagtaac cttatgccta gcaacatgcc aatctttaca agaggaaacc 180
 gtaagaaagg gccacgcccg agatagagga ccacgtggag aaaggggtcc accaggcccc 240
 ccaggcagag atggtgaaga tgggtcccaca ggccctcctg gtccacctgg tcctcctggc 300

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ccccctgggc tcggtgggaa ctttgctgct cagtatgacg gaaaaggagt tggacttggc 360
 cccggaccaa tgggcttaat gggacctaga ggccacctg gtgcag 406

<210> 899
 <211> 277
 <212> DNA
 <213> Homo sapien

<400> 899
 cctaagagtc attaaaaaat tctccctttg taacctcagt gctggggact gaggcgagcc 60
 ccctcaggtc gctggagtgc accagtcttg gggaagaggt gcaggagaag ctgtgttttt 120
 tatctccaca cgcagtatga agataaaatt acatagtatt acctagacat agacagtatt 180
 acctaggtag atgcactgct cacctgcacc cttcccagct ctcatTTTTT ttaggtgatt 240
 tgggataggg atagtgtttt ggggtatggg gggagtg 277

<210> 900
 <211> 389
 <212> DNA
 <213> Homo sapien

<400> 900
 ctgttttgaa atatttactg ttattaaaaac ttgcttcaag ggaaattgtg aatatatttc 60
 catatacaag cactagtaac agtaagtggc cctgtcatcc actaactcag gcaaagtaaa 120
 gaatggcatt tttgaaggac attttacctc cccatatgat ttgattggct aggactttct 180
 tctgtaaagt catacctttt cacatcttaa gtttttacct ttgccatttt ccaaactctca 240
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 ccttatatga agcctgtctt tatccatca 389

<210> 901
 <211> 453
 <212> DNA
 <213> Homo sapien

<400> 901
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 tccgtactgc ttgtgaacgt gctaagcgta ccctctcttc cagcaccag gccagtattg 180
 agatcgattc tctctatgaa ggaatcgact tctatactc cattacccgt gcccgatttg 240
 aagaactgaa tgctgacctg ttccgtggca ccctggaccc agtagagaaa gcccttcgag 300
 atgccaaact agacaagtca cagattcatg atattgtcct ggttggtggt tctactcgta 360
 tcccgaagat tcagaagctt ctccaagact tcttcaatgg aaaagaactg aataagagca 420
 tcaaccctga tgaagctgtt gcttatggtg cag 453

<210> 902
 <211> 293
 <212> DNA
 <213> Homo sapien

<400> 902
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 cctgcgtgg catcaatagc ttccgccagt acaagtatga cctggtggca gtgggcaagg 120
 ctttgagggg catgttccgc aagctcaacc acctcctgga gcgcctgcac cagtcttct 180
 tctctactt gctccccggc ctctcccgct tcgtctocat tggcctctac atgcccgctg 240

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tcggcttctt gctcctggtc cttggtctca aggctctgga actgtggatg cag 293

<210> 903
<211> 228
<212> DNA
<213> Homo sapien

<400> 903
ctggagactc tgggccagga gaagctgaag ctggaggcgg agcttggcaa catgcagggg 60
ctggtggagg acttcaagaa caagtatgag gatgagatca ataagcgtac agagatggag 120
aacgaatttg tcctcatcaa gaaggatgtg gatgaagctt acatgaacaa ggtagagctg 180
gagtctcgcc tggaagggct gaccgacgag atcaacttcc tcaggcag 228

<210> 904
<211> 388
<212> DNA
<213> Homo sapien

<400> 904
ccaagcgctc agatcgga ggggcaccag tcttgatctg cccagtgcac agccccacaa 60
ccaggtcagc gatgaaggta tcttcagtct ccccgaaacg atgaggcacc atgacgcccc 120
aaccattggc ctgggccagc ttgcacgcct gaagagactc ggtcacggag ccaatctggt 180
tgactttgag caggaggcag ttgcaggact tctcgttcac ggccttggcg atcctctttg 240
ggttggtcac tgtgagatca tccccacta cctggattcc tgactggct gtgaacttct 300
gccaaagctcc ccagtcaccc tgggtcaaagg gatcttcgat agacaccact gggtagtctc 360
tgatgaagga cttgtacagg tcagccag 388

<210> 905
<211> 272
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 905
ccggagccca cggnggtcat ggctgccaga gcgctctgca tgctggggct ggtcctggcc 60
ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
ccagccaagg acaggggtgga ctgcggctac ccccatgtca cccccaagga gtgcaacaac 180
cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gcccctgcag 240
gaagcagaat gcaccttctg aggcacctcc ag 272

<210> 906
<211> 525
<212> DNA
<213> Homo sapien

<400> 906
ctgtgcaccc gagtgtcctt tccccctaa gctggcacat aggagcaaaa gttcactaac 60
cctgcagtgg aaggcaccaa ttgacaacgg ttcaaaaatc accaactacc ttttagagtg 120
ggatgagggg aaagaaatag tggtttcaga cagtgtcttct tcgggagcca gaagcactgc 180
aagttgacaa agctttgtcc ggcaatgggg tacacattca ggctggccgc tcgaaacgac 240

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attggtacca gtggttatag ccaagaggtg gtgtgctaca cattaggaaa tatccctcag    300
atgccttctg caccaaggct gggtcgagct ggcatcacat gggtcacgtt gcagtggagt    360
aagccagaag gctgttcacc cgaggaagtg atcacctaca ccttggaat tcaggaggat    420
gaaaatgata accttttcca cccaaaatac actggagagg atttaacctg tactgtgaaa    480
aatctcaaaa gaagcacaca gtataaattc aggctgactg cttct                    525

```

```

<210> 907
<211> 365
<212> DNA
<213> Homo sapien

```

```

<400> 907
gtaaatttta agtctttcag ttttatagat acgaaaaaca agggtgactc ttaccacag      60
gatgaataaa gaactaagta atatgggaaa tgcagcaatt tctggactag ctgagccgat    120
tccttctgtg gagcacactg taagctttca agttctctgg gcaggaatta cagcacctgt    180
cccttgcaat ggccctgctg tgtgatgctc atcgcttccc ttcgtgctgg agcagtcccc    240
caggtgtcca tctcctatct tttgttcca atcttctgtg agttccagct agcaggcttt    300
acatctgggg aaaggaaaac caggggtttt agctctgttc tctgctccca tccttcgctc    360
accag                                           365

```

```

<210> 908
<211> 608
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

```

```

<400> 908
cggaggtgcc tcagccatgg catggatccc tctcttcttc ggcgtccttg cttactgcac      60
aggacgtgcg gcctcctttg aggtgaccca gccaccttca atgtccgtgt cccaggaca    120
gacagccaag atcacctgca ctggagatag gttgggggat gaatatgttt gctggtatca    180
acagaagcca ggccagtccc ctgtattgat aatatatttg gataacaagc ggccctcggg    240
gatccctgac cgattctctg cctacgcctc tgggaacaca gccactctga tcatcagcgg    300
ggcccaagtt atggatgagg cttattatta ctgtcaggcg tgggacggca gaactgtggt    360
gttcggcgaa gggaccaacc tgaccgtcct aggtcagccc aaggctgcc cctcggtcac    420
tctgttcccg cctcctctct aggagcttca agccaacaag gccacactgg tgtgtctcat    480
aagtgacttc taccggggag ccgtgacagt ggcttggaag gcagatagca gcccgtcaa    540
ggcgggagtg gagaccacca caccctcaa acaaagcaac aacaagtacg cggncagcag    600
ctatctga                                           608

```

```

<210> 909
<211> 513
<212> DNA
<213> Homo sapien

```

```

<400> 909
ctggtctcaa actcctcacc tcaactgac cgccacctt ggctcccaa agtgctggga      60
ttataggtgt gagccaccgt gcccaaagtt aagtattttt gatcaagtgt tttgtctttt    120
gtgcaaggca tttgtggctc tgtcatagca gaggaaaaca aaacatgcoct atcaaatgaa    180
tcaagtccga cctcttctca tattgagcaa ctagaggtct aggaacattt cccctacctg    240
tcattctcat ctggcatacc aggtgtacat actccttctt attctcctct gttaccaaga    300

```

050301 "050301" 050301

tggtggcccc attgggtttg aggtcacgaa ctccacaaac tccaaactct tggacctcag 360
 tgctgaaggt gaggtcatag cctagtgtgg agacatcatt ttccagcaga taaaccagac 420
 cttggtagaa gtggtaatct tcactctcca tatctgtata tctgactgac ttgcccaaga 480
 tgtgtttgta aaaggatcga gtaaagtagc act 513

<210> 910
 <211> 272
 <212> DNA
 <213> Homo sapien

<400> 910
 ccggagccca cgggtggcat ggctgccaga gcgctctgta tgctggggct ggtcctggcc 60
 ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
 ccagccaagg acaggggtga ctgcggctac ccccatgtca cccccaagga gtgcaacaac 180
 cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gcccctgcag 240
 gaagcagaat gcaccttctg aggcacctcc ag 272

<210> 911
 <211> 263
 <212> DNA
 <213> Homo sapien

<400> 911
 cctgcaggta caaattgacc aggtctgtga cggctgcctc cacgtcgggtg gaataattct 60
 gacgaatctg ggagctcatg gttggttggc aagaaggagc taaccacaaa aacgggtgctg 120
 gcaggctcca gaagcaggag atggccgaga agatgggtccc ggaggttgca agcggagagg 180
 aaatcggagg gcggtcggag gctggaagag agtccccgga tctgttccgt ccaaactg 240
 ttgaagcaag agacagaccc gcg 263

<210> 912
 <211> 470
 <212> DNA
 <213> Homo sapien

<400> 912
 ctgtgagcac cagcccaacc ctacctttt aaaaagaaaa aacacaagtc cactctgaag 60
 tcagcctctg taacctcccc acaagaaaa cgtttttacat cagtactact ccaaacaacc 120
 aacagtgtt caacacagaa agtaaagcat tatccagggc ttggactgtc tttcaagaaa 180
 gccccaaatc ccctggcagg aggaagtcac agcagtgaag ccccatccca ggcccagttg 240
 ttcccacgaa acacaccacg tggagaccca gcatgactgc cgactgattc caagtcccca 300
 ggagggtctt attttttctt ttcaacatcc tgttctgcgg cttccttggc actttttgcc 360
 cgtatgccga agagccgggc gttggcacgg gccatacgga gactagcgaa ggctttgaaa 420
 ttcttctctt cctcagtgat gactcgagct ttctccttct tatagacgtt 470

<210> 913
 <211> 426
 <212> DNA
 <213> Homo sapien

<400> 913
 cctggacacc ataaggctgg tgggctttca gaattgtgtt aggggggcag gagtggcagg 60
 ttctgaatc tcggtcaata tagtaaccag caggacaaga ggtgcaggag gagccacat 120
 cagaggcttc tagggcacag ggacggcagt aggaggccac gccattcata acattggtga 180
 cattgatgga gtagatcttg gcaacgtcat tgggtgactt cctgcttgcc tcatgaaaag 240

09349626-050301

tggctcctctg gaaggcccag gtgaggctcg tggtagtggt ctcctcaatg atgtaggtat 300
 aggactgttt gcctttggaa cctttccacg tctccacagg agtggttggtc ctagaattca 360
 caccacccat gaagtagagc tcacagttca cagaacagag ggtctcaaag acaaattgtga 420
 ttctgg 426

<210> 914
 <211> 252
 <212> DNA
 <213> Homo sapien

<400> 914
 ccaagctggg ggtgcgacaca tgtggaagaa ctggaggccc ggtgtcatga gcagaggctg 60
 taccctagat gcccgcccca gtgccagcca acccaagaca ggagaaagag tttggcagtt 120
 tcgcctctga ggaatacatg cctggccctc ctgtgagggtg aggcggtagg ggggaaggcg 180
 caggctccga agtctgaggg cttgccggag ggggagtttc tgagcctttt gcatgggtgc 240
 atgccccctg cc 252

<210> 915
 <211> 234
 <212> DNA
 <213> Homo sapien

<400> 915
 ccactgggac tttggcttcc tgatgccgat tgtggatttc tgctgcaaag acagtgatgt 60
 tgagccaggc tgtttcctct ctatccagag gttttgtagt ttttaataaaa ccatcctctg 120
 gattaatagt gaaaaatctg tcgaggctcag tgtgacgac gatggaatac cttatcgggc 180
 tgttggcagc atcagggtct ttggcatgca ctctcccaac cacggtgccg gcag 234

<210> 916
 <211> 366
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

<400> 916
 ccattcagtc tcanttcaga aaattccaga agaagaaggc tgggtctcag tcctagtggg 60
 agaacccccct cctagtccac ctgaaaacac caaattcaac catcatctgt caagaaatta 120
 aaagaacaac accctagaga gaagtcattc acacacaatc cacacacgca tagcaaacct 180
 ccaatgcatg tacagaaacc tgtgatattt atacccttgt aggaagggtat agacaatgga 240
 attgtgagta gcttaatctc tatgtttctc tccattttca ttctcctgc aactattttc 300
 cttgatgttg taataaaatg aagttacgat gagtgatnaa aaaaaaaaaa aaaaaaaaaa 360
 aaaaaa 366

<210> 917
 <211> 492
 <212> DNA
 <213> Homo sapien

<400> 917
 ggcacagcga gggcagcatc tggaggagct ctgcagcctc cacacctacc acgacctccc 60

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agggctgagc tcaggaaaaa ccagccactg ctttacagga caggggggttg aagctgagcc 120
ccgcctcaca cccaccccca tgcactcaaa gattggattt tacagctact tgcaattcaa 180
aattcagaag aataaaaaat gggaacatac agaactctaa aagatagaca tcagaaattg 240
ttaagttaag ctttttcaaa aaatcagcaa ttccccagcg tagtcaaggg tggacactgc 300
acgctctggc atgatgggat ggcgaccggg caagctttct tcctcgagat gctctgctgc 360
ttgagagcta ttgctttgtt aagatataaa aaggggtttc tttttgtctt tctgtaaggt 420
ggtcttccag cttttgattg aaagtcctag ggtgattcta tttctgctgt gatttatctg 480
ctgaaagctc ag 492

```

```

<210> 918
<211> 557
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(557)
<223> n = A,T,C or G

```

```

<400> 918
ctgctcctgg gtaggcgtgc gggccatata gtaggggtag gatactagcc gctcgccgcc 60
gttcagattt gctcccagca cgaaggggtt cttctccatc caggcaatga tggcccgagc 120
ctccgtggat accgtggcat ctggcgaaaag gttagcgttca gggatgggca agttattgtt 180
ggggaccgg taggggaccc atttctctct ctcagctccc cagagcacag agttgagatc 240
cgggaaatct tcaaagatgt caaagccctc ctcagtcac agtcccagcg cccagttccc 300
aaactctgag cccatctgcg ctgccacctc gtagccatca gggttcagt agggcaccag 360
gtggatgcgt gtgtcctgca ccaggctgcg cacacgtggg ttcccatcgc ggtactctcg 420
gcacaggtag tgcatgagca gcagcaacag ctctcggccc agcacctcgt tgccatggat 480
cccagcagt tagcggaaact cgggctcccc cagttcatgc tccccanggt tgtctgagat 540
ctccatggca tagatct 557

```

```

<210> 919
<211> 407
<212> DNA
<213> Homo sapien

```

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<400> 919
ccttatgact acaacggccc acgagaaaaa tatggaatcg ttgattacat gatcgagcag 60
tccgggcctc cctccaagga gattctgacc ctgaagcagg tccaggagtt cctgaaggat 120
ggagacgatg tcatcatcat cggggtcttt aagggggaga gtgacccagc ctaccagcaa 180
taccaggatg ccgctaacaa cctgagagaa gattacaaat ttcaccacac tttcatcaca 240
gaaatagcaa agttcttgaa agtctcccag gggcagttgg ttgtaatgca gcctgagaga 300
ttccagtcta agtatgagcc ccggagccac atgatggacg tccagggtc caccaggagc 360
tcggccatca aggacttcgt gctgaagtac gccctgcccc tggttg 407

```

```

<210> 920
<211> 340
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

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<400> 920

cctcttgggc	agcnnagggc	cctgcctctg	tttcatgatg	catgggtcat	ttgtcttggg	60
tgtcctatcc	catatggaga	agaaaggggc	tctaagttct	ggctcttctt	tctttgggg	120
tctctgtacc	tgaggaaacc	aggccctggg	tgactttgca	gatctgctca	ccctcggtga	180
gcaacagtgt	cagccatgca	agcaggacag	aatgggtgact	gggtgccctt	ggtgagctgt	240
gtatttccta	ggaggtagaa	aactgtggga	aactgtggct	aataaaaaact	aagtgtgagc	300
gtcnaaaaaa	aaaaaaanna	aaaanaaaaa	aagcttgtag			340

<210> 921

<211> 571

<212> DNA

<213> Homo sapien

<400> 921

ggaaaaataa	ttttattcct	caaatgatca	gcacattcag	aagcaggaca	gaggagctct	60
gatgacatct	ctgggggact	caaagcggcc	ctcattttct	ggtattttcc	caggtgattc	120
tcttccaacc	tgtgagtcct	gctctctttc	ctcccatctg	aagtttgaga	catcctctgc	180
cacaaggaaa	gccaccaata	ccagcccaaa	gagccaccag	agaggaacca	aaccacatgc	240
atcaagttat	aggaaggatg	caagaaggga	aattaggaag	gaaagggagg	agtttagttg	300
gcattctggg	gcatgctaac	atgagggcga	tggctctctc	ccaagtcgct	ggacatatcc	360
cttttctttc	caggtgctcc	aactccaatt	gcagtttggg	ggaacgtgtg	aaacttgttg	420
aagtcctgcg	tgtatgtgcc	cagcatgcaa	gtactcagat	taccgcaccg	cttagatctg	480
gggctgtcca	ggctggagcc	ctctctctct	tgctcctgct	ccagctcact	ggccttcac	540
tgcacatagt	cctgcaccag	tgcagccagc	a			571

<210> 922

<211> 262

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 922

gcccanaanaca	tncaggtcac	agcagattcg	ggcacgtgtg	gaagaagggt	ggatgatgtc	60
atccacaaac	cctgcactg	ctgcaggga	agggttggca	aacttctcga	tgtactctgc	120
ctgancagct	tccacattct	catgcccttt	gaagatgatc	tccacagcgc	cctttgctcc	180
catgactgca	atctctgngg	tgggccangc	atanttggtg	tcaccacaaa	ngtgcttaga	240
gctcatgaca	tcntaggcac	ct				262

<210> 923

<211> 234

<212> DNA

<213> Homo sapien

<400> 923

ccactgggac	tttggcttcc	tgatgccgat	tgtggatttc	tgctgcaaag	acagtgatgt	60
tgagccaggc	tgtttcctct	ctatccagag	gtttttagat	tttaataaaa	ccatcctctg	120
gattaatagt	gaaaaatctg	tcgaggtcag	tgtgacgatc	gatggaatac	cttatcgggc	180
tgttggcagc	atcaggggtct	ttggcatgca	ctctcccaac	cacggtgcca	gcag	234

T05050" 9254560

<210> 924
 <211> 152
 <212> DNA
 <213> Homo sapien

<400> 924
 ccaggattga caggccatcc attcacagcc aggagatgct gggccagttc ctccaagagg 60
 tctccgtcat ggcagtgatg aaaacctaac aggggtggccc cctgtgccag ctcaggtgac 120
 tggagcccga gggcctgaca gggtcccagc ag 152

<210> 925
 <211> 400
 <212> DNA
 <213> Homo sapien

<400> 925
 caatatcatg ccaaggaccc aaacaacctc ttcatgggtgc gcttggcaca gggcctgaca 60
 catttaggga agggcaccct taccctctgc ccctaccaca gcgaccggca gcttatgagc 120
 cagggtggccg tggctggact gctcactgtg cttgtctctt tccctggatgt tcgaaacatt 180
 attctaggca aatcacacta tgtattgtat gggctgggtgg ctgccatgca gccccgaatg 240
 ctgggttacgt ttgatgagga gctgcggcca ttgccagtgt ctgtccgtgt gggccaggca 300
 gtggatgtgg tgggccaggc tggcaagccg aagactatca cagggttcca gacgcataca 360
 accccagtgt tggtggccca cggggaacgg gcagaattgg 400

<210> 926
 <211> 521
 <212> DNA
 <213> Homo sapien

<400> 926
 ccacgtccct attttagaaa tgagaggagt gactgcacac aggaaaaatg ccacttttag 60
 caattcaaag tggaaaaact tcttttatat aaaaattatc ccaactccca ccccttggtc 120
 ctcagtgttg catctcccac agaggtaaag ttgtgccatt ttcccacggc tttaaacaaa 180
 gcaaaacaaa accaccaatc ctaataaccc cctccctgc cccgtctcca cgctgtgcgg 240
 agagggctct agccccctcag tcggacttct ccttctcctt catgtgcaag aagacgatgc 300
 tgaagatgaa gagccccagc atcatggaga aggcgctggc gtagtagggg taggccgagg 360
 ggatgaagcg ctcatactgc gtgtgctgga gtggcgcac ggatacctga gtggaagagt 420
 acaggtgtgt gtagcctagc cggttgtaat ccactttaaa ctggaatata ccatacacgt 480
 cgggcaactt gaactgaaca ctgtatttgc cacctttctt c 521

<210> 927
 <211> 520
 <212> DNA
 <213> Homo sapien

<400> 927
 ccaggctagt ctogaactcc tgacctcagg tgatctgcct gcctcggcct cccaaagtgc 60
 tgggattacc ggcgtgagcc accatgcctg gccttacatt ttttaaaatg agggaaacaaa 120
 tgaataaatg accaccatgt taggggctgg ctctgaacag aattgtaaag tgggccaagc 180
 ttgtcttcaa ggtcacctta agcccacggt tgctgtgtcc tgccctctca gggtcatttc 240
 ccagcctcca ggcacctgtt cacagaggct gcatctggcc tcgcctccac cctccatcc 300
 taaggtgctc cgctgactta gaacaggaca gtcagggaga gaatgtgtct caggaggggtg 360
 gagtcagatg atcacggcct tcctggcatc tgaggggata cagcttcggg tagcaaagtg 420
 tgattttccc tgagccccag gaaagcttgg ccttggtcag aatacattga accctgaggg 480

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ccagagagtc cctggggcaa gctctgagag ggaggacctc

520

<210> 928
<211> 492
<212> DNA
<213> Homo sapien

<400> 928
ctgagctttc agcagataaa tcacagcaga aatagaatca ccctaggact ttcaatcaaa 60
agctggaagt ccaccttaca gaaagacaaa aagaaacccc tttttatatac ttaacaaagc 120
aatagctctc aagcagcaga gcatctcgag gaagaaagct tgcccggctcg ccattcccatc 180
atgccagagc gtgcagtgctc cacccttgac tacgctgggg aattgctgat tttttgaaaa 240
agcttaactt aacaatttct gatgtctatc ttttagagtt ctgtatgttc ccatttttta 300
ttcttctgaa ttttgaattg caagtagctg taaaatccaa tctctgagtg catgggggtg 360
gggtgtgaggc ggggctcagc ttcaaccccc tgctctgtaa agcagtggct ggtttttcct 420
gagcccagcc ctgggaggtc gtggtaggtg tggaggctgc agagctcctc cagatgctgc 480
cctcgctgtg cc 492

<210> 929
<211> 209
<212> DNA
<213> Homo sapien

<400> 929
ttttttcacc atctaacaaa ggcactttat tgcattacca ttcacaatta acagtcaaga 60
acaaataata ataacaaata aaataacttt taagaggaca aggcattaga aataaaaaag 120
gacactaata acatttgtaa aagcttgtagc tggatgtggt tgccccatt tgtgtgtgtg 180
gttgtgtgtg tgtggttgtg tgttggtg 209

<210> 930
<211> 617
<212> DNA
<213> Homo sapien

<400> 930
cgcgtccttt aacaagcccc gttctcaaaa ggctgggggt atttatataa gaacttattc 60
caaagtgact ctaagatcca tgttcccaag atctagtacg ggctattcat ggttctgagg 120
catgtccagc atgcaggcaa acttatctgt tcaaattgag gtaaaacaga caaaaaacac 180
ttaatattaa cagaagctac ataattaaaa ctaaccttct gctgcttatt taagctaattg 240
atgtattctt accaaacaga gaccctcaag tcaatcattt cttttgattt tagttaccac 300
ccccaatta agcctcttct ttcaaagcca ttattagtta aaaaaaagtt ttaaaatgaa 360
gaaaaatatt ttttccagaa cttgtatttt gtaattagtg tgatgcaatt tctttttatt 420
tttcaaactt agaaataact catgtatggt actatttggt atttttttca gataccaagg 480
aataccgaca ggattcataa ataggatttt ctgacactgg caggaaagtc tgctaacggt 540
tacaaaatac caaagactct tctttcaagc ttcaaagatg gctgagaatt aacagttatg 600
attagttttt cagtaca 617

<210> 931
<211> 521
<212> DNA
<213> Homo sapien

<400> 931
ccaacaaaat tggatgaacac atggaagaac atggcatcaa gtttataaga cagttcgtac 60

054929-050700

caattaaagt	tgaacaaatt	gaagcagggga	caccaggccg	actcagagta	gtagctcagt	120
ccaccaatag	tgaggaaatc	attgaaggag	aatataatac	ggtgatgctg	gcaataggaa	180
gagatgcttg	cacaagaaaa	attggccttag	aaaccgtagg	ggtgaagata	aatgaaaaga	240
ctggaaaaat	acctgtcaca	gatgaagaac	agaccaatgt	gccttacatc	tatgccattg	300
gcgatatatt	ggaggataag	gtggagctca	ccccagttgc	aatccaggca	ggaagattgc	360
tggctcagag	gctctatgca	ggttccactg	tcaagtgtga	ctatgaaaat	gttccaacca	420
ctgtattttac	tcctttggaa	tatgggtgctt	gtggcctttc	tgaggagaaa	gctgtggaga	480
agtttgggga	agaaaatatt	gaggtttacc	atagttactt	t		521

<210> 932

<211> 197

<212> DNA

<213> Homo sapien

<400> 932

ccttgtgacc	aattacatat	gattaaaatt	acttcccaca	ttcacatcca	cagtactcgt	60
ccaccatttta	acatctcaac	caaaacgtta	cacatgtgaa	acaatcacta	acaggcaaaa	120
atactaaacc	tgtatatttg	gtattgcaaa	tacactttatg	catgagcaag	caagggattc	180
acagtgagaa	tctacag					197

<210> 933

<211> 610

<212> DNA

<213> Homo sapien

<400> 933

cctcatttta	acaatatctt	ttttttgctc	ttctgcttcc	aaaccttatt	tgccaatgta	60
atgcctttat	ataaagttct	tatgatgaat	gaaaaacttt	caagtgctgt	tgccctcatta	120
aatgcattat	ttattaatth	aactttctagt	actctcgata	aagagccagt	gaaatgagtt	180
attgagttcc	agggaaaaaa	atgagaacat	aattttgaat	ttattatctc	tctatacaca	240
cacagttcat	aattggatta	catataataa	taatatcaac	aagtctatca	gtatcgaagt	300
tggatactgg	taatttctca	tgtgaggctc	ttgtgtcaca	gtcagcatag	atttctggag	360
catttgtctg	ttgatctttt	gggtggcctca	aacctcatta	agtgggtgtg	gagatgctgt	420
ttctgccatg	tgagaatgtg	atggcagaat	taacacaacc	ccaccagggg	tacaacagag	480
cactttacat	ccaaaggcag	agagggacac	agcaatgcag	aattccagca	cacttaagag	540
gagcaccatg	ccatccagac	ccattaagat	ggacatagtc	ccatgacaat	tatttgagtt	600
gccatagtag						610

<210> 934

<211> 384

<212> DNA

<213> Homo sapien

<400> 934

ctgctaccag	gggagcgaga	gctgactatc	ccagcctcgg	ctaattgtatt	ctaogccatg	60
gatggagctt	cacacgattt	cctcctgcgg	cagcggcgaa	ggtcctctac	tgctacacct	120
ggcgtcacca	gtggcccgtc	tgccctcagg	actcctctga	gtgagggagg	agggggctcc	180
tttcccagga	tcaaggccac	agggaggaag	attgcacggg	cactgttctg	aggaggaagc	240
ccggttggct	tacagaagtc	atgggtgttca	taccagatgt	gggtagccat	cctgaatggt	300
ggcaattata	tcacattgag	acagaaattc	agaaagggag	ccagccaccc	tggggcagtg	360
aagtgccact	ggtttaccag	gcag				384

<210> 935

<211> 125

TOE050"22964860

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 935
nttaaaattc atggaagtaa tannacagta ataaaatatg gatactatga aaactgacac 60
acagaaaaac ataaccataa aatattgttc caggatacag atattaatta agagtgactt 120
cgta 125

<210> 936
<211> 546
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 936
gcccattgcca gcgtgtggtc agcacgcaca acttgtggct gctgtccttc ctgaggaggt 60
ggaatgggag cacagccatc acagacgata ccctgggtgg cactctcacc attacgctgc 120
ggaatctaca accccatgat gcgggtctct accagtgcc gagcctccat ggcagtgagg 180
ctgacaccct caggaaggtc ctggtggagg tgctggcagg ttctcccgcc aaggttctcc 240
ccctgectcg aggaggaagg ggctggaggc tcatggctct gcctcccata gaccccttg 300
atcaccggga tgctggagat ctctggttcc ccggggagtc tgagagcttc gaggatgcc 360
atgtggagca cagcatctcc aggagcctct tggaaggaga aatccccttc ccaccactt 420
ccatccttct cctcctggcc tgcacttttc tcatcaagat tctagcagcc agcgccctct 480
gggctgcagc ctggcatgga cagaagccag ggacacatnc acccagtga ctggactgtg 540
gacctc 546

<210> 937
<211> 550
<212> DNA
<213> Homo sapien

<400> 937
caccaatcaa aattcctggt ggtcctgaga ctttgggcag aatcatgaat gtcattggag 60
aacctattga tgaaagaggt cccatcaaaa ccaaacaatt tgctcccatt catgctgagg 120
ctccagagtt catggaaatg agtggtgagc aggaaattct ggtgactggt atcaaggttg 180
tcgatctgct agctccctat gccaaagggt gcaaaattgg gctttttggt ggtgctggag 240
ttggcaagac tgtactgata atggagttaa tcaacaatgt cgccaaagcc catggtggtt 300
actctgtggt tgctggtggt ggtgagagga cccgtgaagg caatgatitaa taccatgaaa 360
tgattgaatc tgggtgttatc aacttaaaag atgccacctc taaggtagcg ctggtatatg 420
gtcaaataa tgaaccacct ggtgctcgtg cccgggtagc tctgactggg ctgactgtgg 480
ctgaatactt cagagaccaa gaaggccaag atgtactgct atttattgat aacatctttc 540
gcttcaccca 550

<210> 938
<211> 192

094465-050501

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)..(192)
<223> n = A,T,C or G

<400> 938
tttttttttt tttttttttt ttttttttngg aaaaagccca aaaggcactt tattggaggt 60
ctntgcctcc attcacagga aaaaggagct gggagcccca tcctaagggt cccagcatca 120
gccactgga gggcctggaa cagtccanca ctntgtggga aaggagtggg gaggggaatg 180
ttttaaaaaa aa 192

<210> 939
<211> 337
<212> DNA
<213> Homo sapien

<400> 939
ccaaaatatt ggaacacaca gaaccaaacc aggtgtgttc tacacctgca tgagtgaagg 60
atttccacgt agacacctag gaagagcccg catgccctag actcactcca gaggaaggat 120
tgatttgcaa ccagaaaggg agctgaaaac cacggagctc catgggtctt cattcaaaag 180
ggaaaataat gattccacgt tgcttttttag agttcaaadc aacatctttc tggataaatc 240
tattttttta caatcttttt attatttgta aaagatataa aaacaactcc catcagtagc 300
aatacaagggt tatacatttt aaccagattt tctcagg 337

<210> 940
<211> 362
<212> DNA
<213> Homo sapien

<400> 940
cctgtccaaa cgtgcgcacc aggaccgagg ggagctccct cccaacacct gctaggaatt 60
gccaactttt aaatggatgg gggttttttat ggggtgaacc tctgttaata cttttgtaca 120
ctctcactac agtttatatt tttataggct attttctcaa ggtgtttcta gattccacat 180
atctatttta tataacaagt tattatgtta tgtgtgtgac tcccttgtgt gtatctgtgc 240
cagcctcagc ctccgagttg cttttccctc tggccctgac tctcactgac tcaccgatgt 300
ggtgtgcagg cccacttctt accccagata gcctcggggc ctgcctgtag tcatgccgac 360
ag 362

<210> 941
<211> 216
<212> DNA
<213> Homo sapien

<400> 941
ctggacatct ttccagcccg ggatacctac catcctatga gcgagtaccc cacctaccac 60
acccatgggc gctatgtgcc ccctagcagt accgatcgta gccctatga gaaggtttct 120
gcaggtaatg gtggcagcag cctctcttac acaaaccag cagtggcagc cacttctgac 180
aacttgtagg ggcattgtgc ccgctgagct gattgg 216

<210> 942
<211> 324

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<212> DNA
<213> Homo sapien

<400> 942
ctgattggct tcaggccccc tacctctata aactctacca gcattactac ttcctggaag 60
gtcaaatggt catcctatat gtctgtggcc ttgcctctac agtcctcttt ggcctagtgg 120
cctcctccct tgtggattgg ctgggtcgca agaattcttg tgcctcttcc tccctgactt 180
actcactatg ctacttaacc aaactctctc aagactactt tgtgctgcta gtggggcgag 240
cacttggtgg gctgtccaca gccctgctct tctcagcctt cgaggccagg gagcctcaaa 300
tcttcagtct ctcagagacc acag 324

<210> 943
<211> 597
<212> DNA
<213> Homo sapien

<400> 943
ctgacaaaat tcctgggtta ctaggtgtct ttcagaagct gattgcatcc aaagcaaattg 60
accaccaagg tttttatctt ctaaacagta taatagagca catgcctcct gaatcagttg 120
accaatatag gaaacaaatc ttcattctgc tattccagag acttcagaat tccaaaacaa 180
ccaagtttat caagagtttt ttagtcttta ttaatttgta ttgcataaaa tatggggcac 240
tagcactaca agaaatattt gatggtatac aacccaaaaat gtttggaatg gttttgaaa 300
aaattattat tcctgaaatt cagaaggtat ctggaaatgt agagaaaaag atctgtgcgg 360
ttggcataac caaattacta acagaatgtc ccccaatgat ggacactgag tataccaaac 420
tgtggactcc attattacag tctttgattg gtctttttga gttacccgaa gatgatacca 480
ttcctgatga ggaacatttt attgacatag aagatacacc aggatatcag actgccttct 540
cacagttggc atttgctggg aaaaaaagag catgatcctg taggtcaaat ggtgaat 597

<210> 944
<211> 359
<212> DNA
<213> Homo sapien

<400> 944
ctggaagagg aaaaggagat actgcagaaa gaactctctc aacttcaagc tgcacaggag 60
aagcagaaaa caggtagtgt tatggatacc aaggtagatg aattaacaac tgagatcaaa 120
gaactgaaag aaactcttga agaaaaaacc aaggaggcag atgaatactt ggataagtac 180
tgttccttgc ttataagcca tgaaaagtta gagaaagcta aagagatgtt agagacacaa 240
gtggcccatc tgtgttcaca gcaatctaaa caagattccc gagggctctc tttgctaggt 300
ccagttgttc caggaccatc tccaatccct tctgttactg aaaagaggtt atcatctgg 359

<210> 945
<211> 367
<212> DNA
<213> Homo sapien

<400> 945
caggatctga agtttggggt cgagcaggat gttgatatgg tgtttgcgtc attcatccgc 60
aaggcatctg atgtccatga agtttaggaag gtcctgggag agaagggaaa gaacatcaag 120
attatcagca aaatcgggaa tcatgagggg gttcggaggt ttgatgaaat cctggaggcc 180
agtgatggga tcatggtggc tcgtggtgat ctaggcattg agattcctgc agagaagggtc 240
ttccttgctc agaagatgat gattggacgg tgcaaccgag ctgggaagcc tgtcatctgt 300
gctactcaga tgctggagag catgatcaag aagccccgcc cactcggggc tgaaggcagt 360
gatgtgg 367

09849626 "92967860

<210> 946
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 946
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 agcctgcctc atttccaaat gagagcacta gaagcacaaa tcatgcagac catttactat 120
 ataacttatg aaaaatgctg tacagggctg tgactataga tatagagtat ttggctctgt 180
 ttgggaattg atatctacaa gggggagggg caggggagga ctgtccgata tcctgacttg 240
 ctgggatggg ggagaagctg ggatggggga ggccccaatc ttgctgcacg gctacacca 300
 ctctctctt cctagacaag gctggagcgc actgg 335

<210> 947
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 947
 cctcttggag cacatccttt actgcattgt ggacagcgag tgtaagtcaa gggatgtgct 60
 ccagagttac tttgacctc tgggggagct gatgaagttc aacgttgatg cattcaagag 120
 attcaataaa tatatcaaca ccgatgcaaa gttccaggta ttctgaagc agatcaacag 180
 ctccctggtg gactccaaca tgctggtgct ctgtgtcact ctgtccctgg accgatttga 240
 aaaccaggtg gatatgaaag ttgccgaggt actgtctgaa tgccgcctgc tcgcctacat 300
 atcccaggtg cccacgcaga tgctcttct cttccgcctc atcaacatca tccacgtgca 360
 gacgtgacc caggagaacg tcag 384

<210> 948
 <211> 173
 <212> DNA
 <213> Homo sapien

<400> 948
 ctgtggaggg gacactgtct ttgaggcatc actggttcca caaagggtag gggaaggtct 60
 tgagggacca ccccatgccc tcattaatca accagaagct tggcctggag cagcagcggg 120
 gattccagta gctgtgggca tacaggatgc tagggcggcc acaaccacag cag 173

<210> 949
 <211> 211
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 949
 ccatccacgt tgnnaaacag aataaaatgg aaattcacct tgtcatctac ccgacattgg 60
 ccttcctgtg ccacggcatc atgggctgcc tgtatggcct cattcttttc aaagcatttt 120
 gctctgtctt caggggacat tttctctgtt tcagaaagaa actgtttcag aactgatcca 180
 tctcaaate ccagtttgtc ttgattattg g 211

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<210> 950
 <211> 382
 <212> DNA
 <213> Homo sapien

<400> 950
 cctcatcggtg agtcaggacg tgggtgaaagc tgcagtggct gctgtgctct ctccagaaga 60
 attcatgggtc ctgttggact ctgtgcttcc tgagagtgcc catcggctga agtcaagcat 120
 cgggctgac aatgaaaagg ctgcagataa gctgggatct acccagatcg tgaagatcct 180
 aactcaggac actcccaggt tttttataga ccaaggccat gccaaagggtg cccaactgat 240
 cgtgctggaa gtgtttccct ccagtgaagc cctccgccct ttgttcaccc tgggcatcga 300
 agccagctcg gaagctcagt tttacaccaa aggtgaccaa cttataactca acttgaataa 360
 catcagctct gatcggatcc ag 382

<210> 951
 <211> 473
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 951
 cctctctgcc aggcaaagga gggagctgct gctctttgac attaaaccag agcagcagag 60
 atacagcctt ttcctccctc tccatgaact ctggaaacag tacatcaggg acctgtgcag 120
 tgggctcaag ccagacacgc agccacagat gattcaggcc aagctcttaa aggcagatct 180
 tcacggggct attatttcag tgacaaaatc caaatgcccc tcttatgtgg gtattacagg 240
 aatccttcta caggaaacaa agcacatttt caaaattatc accaaagaag accgcctgaa 300
 agttatcccc aagctaaact gcgtgttcac tgtggaaacc gatggcttta tttcctacat 360
 ttacgggagc aaattccagc ttcgggtcaag tgaacgggtc gcgaagaagt tcaaagcgaa 420
 nggaacgatt gacctgtgaa ttctttgccg tctaangcag ttgtttatga cag 473

<210> 952
 <211> 312
 <212> DNA
 <213> Homo sapien

<400> 952
 ctgatgggtc tcatagtcct ctgggatggg gtcattgcag cggtaacgca gggttgccca 60
 gatgatgttc tctgtggaga agcagaagac ccccaagcgg ccaccccgca tggttgtgtc 120
 caagaccacg ttgtgtcggt ccaccagctc agggccctca tagaatcgca ccctgatgta 180
 gccacttgg ggcgggtgct gcaggaacca acgataggac ttcttgtcct tccaaccac 240
 gtttcgcggg tctttccaca gcagccgcac ctgagactct gtgtctctctg tatgccacag 300
 agcgttccgc ag 312

<210> 953
 <211> 397
 <212> DNA
 <213> Homo sapien

<400> 953
 cgcgtccact gccgaccctc ttggtttctg aaaccaacct ttcttctctgc tctcctcttt 60

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aagagcaaac cccaacatgt ataaggtcac agcaagtggg agccaggaaa agctgtggga 120
cccctcattt gagtcacatc catatggcat ggagaaagaa aacctctctg ccagaaggaa 180
ctgaactctg gaagtcctaa ggaaggtcac catgatcagc agataggaaa gcattgccaa 240
gggctgtccc tcaagagctt agttttctta gggagaccag aaagacatca gatcctgact 300
gccctgtttt gctcaagttc tgaaatgagt ggcattgatga agagctgggtg gagctgaggg 360
aaagagtcaa ccatgtgggg tggggtagtg aggaagg 397

<210> 954
<211> 304
<212> DNA
<213> Homo sapien

<400> 954
cctttgtacc gggccagcaa ctggaagggc acagtgtgga attccagggc ctgcagagtc 60
ttcttctgga acagggcctc gtggctccag tacagggaca ggttgaactg cagctcaaag 120
agctcctcag ggagcatcat ggggaagcgg atcttctcca ccaagccctc cacctcctca 180
tgggaggcac gctcccccca gctccagggtg tccacggcct tcagtagggc cagctcgctg 240
ggcacgcgca ggtcgctcct gggcagcagc agttggagca ggtctgtggg gacactgggc 300
cagg 304

<210> 955
<211> 156
<212> DNA
<213> Homo sapien

<400> 955
ctgtttcaac tccctgccaa gaaaaatgta gatgcaattc tggaggagta tgcaaattgc 60
aagaaatcgc agggaaatgt tgataataag gaatatgcgg tcaatgaagt tgtggcagga 120
ataaaagaat atttcaatgt gatgttgggc actcag 156

<210> 956
<211> 543
<212> DNA
<213> Homo sapien

<400> 956
ctttcatctg accatccata tccaatgttc tcattttaaac attaccagc atcattgttt 60
ataaccagaa actctgggtc ttctgtctgg tggcacttag agtcttttgt gccataatgc 120
agcagtatgg agggaggatt ttatggagaa atggggatag tcttcatgac cacaaataaa 180
taaaggaaaa ctaagctgca ttgtgggttc tgaaaagggtt attatacttc ttaacaattc 240
tttttttcag ggacttttct agctgtatga ctgttacttg accttctttg aaaagcattc 300
ccaaaatgct ctatttttaga tagattaaca ttaaccaaca taattttttt tagatcgagt 360
cagcataaat ttctaagtca gcctctagtc gtggttcac tctttcacct gcattttatt 420
tggtgtttgt ctgaagaaag gaaagaggaa agcaaatacg aattgtacta tttgtaccaa 480
atctttggga ttcattggca aataatttca gtgtggtgta ttattaaata gaaaaaaaaa 540
att 543

<210> 957
<211> 528
<212> DNA
<213> Homo sapien

<400> 957
ctgtgatcaa gatgtattaa aagaatatga aagagcatct gggttattct agaagttctg 60

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tgatcaaaac	atattaaaaa	aaattaaagc	gcatctgggt	tattctagaa	gttcctgggc	120
tttatacttg	gatattttaca	gaggaagttg	aacttcaagt	tctgccactc	ttcaaaatgg	180
gtgacaggag	aggacgtgat	aggacagtta	aaaaaaaatt	gatagtcatt	ctctgatgga	240
gtgaagcaag	ctttgtcaac	catcaacaaa	tatgacttca	ttggtcacaa	gccctgcaga	300
gatccaacaa	gatttgagtt	ttaaatacag	aacatatttc	aaacagaacc	agcagagtgc	360
tgatgtatga	atggaattga	ttgctgaagg	cagagagtat	aaagaatctc	aagaaacttt	420
tagtgccatt	ttcatttaat	aagccattgg	tatagcaacc	taaaaacctt	ggctgtgatg	480
acaccaggat	gtgttttatgg	aattgctgca	ggagaacaca	attggcag		528

<210> 958
 <211> 451
 <212> DNA
 <213> Homo sapien

<400> 958						
ctgtctgacc	atggggacct	tctgtctgaa	gaggagctgg	atgaatgaga	ctctgggaat	60
catctacaca	ggacaaacc	caacaggcgc	cctggcaccg	gggaggcggg	tagttgtact	120
ctgcttgtag	agtccttgag	cccagtttac	agatctggag	agcaggaggc	caggacaagg	180
acaaaggctg	gaggatggag	taggacccag	gggctctgcc	atcctaggca	tcattcaagg	240
tcttttatga	agactttaca	gatgtcctct	gtaagtagca	tcgagagtgg	agttcagctc	300
ctttctctac	ttttttttgg	tctgatggca	catattttatt	gttctgtggt	ctaatacacag	360
tgtttctaaa	tgtaaaaaagt	gcatatgttg	gtgtagctag	tcccgcgaca	ttgagctcct	420
ctgcatgaag	acactgggct	cctgcatcca	g			451

<210> 959
 <211> 158
 <212> DNA
 <213> Homo sapien

<400> 959						
ccagaccaag	gctgctggac	ctatgggaat	attcgggtgt	ctgtagagga	tgtgactgtc	60
ctgggtggact	acacagtacg	gaagttctgc	atccagcagg	tgggcgacat	gaccaacaga	120
aagccacagc	gcctcatcac	tcagttccac	tttaccag			158

<210> 960
 <211> 235
 <212> DNA
 <213> Homo sapien

<400> 960						
ctgagcaggg	aatccggccg	gaggaaggag	cagcttaccg	actgcgggtg	ttcaccacag	60
gccaggccct	aatatgcacc	cactagttta	gctcagactc	ctctctacat	atgaatggca	120
aaggcacttt	tgatatacac	tgtaaaatac	actgtatttt	agaatcggaa	tctattttct	180
aatgttcccc	tcaagggctg	agtggcagga	aggttgagga	tgcaggactt	tgcag	235

<210> 961
 <211> 375
 <212> DNA
 <213> Homo sapien

<400> 961						
cctggaaaga	aaagggatat	gtccagcgac	ttggagagag	accatcgccc	tcattgttagc	60
atgccccaga	atgccaacta	aactcctccc	tttcttccct	aatttccctt	cttgcatcct	120
tcctataact	tgatgcatgt	ggtttggttc	ctctctggtg	gctctttggg	ctgggtattgg	180

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tggctttcct	tgtggcagag	gatgtctcaa	acttcagatg	ggaggaaaga	gagcaggact	240
cacaggttgg	aagagaatca	cctgggaaaa	taccagaaaa	tgagggccgc	tttgagtccc	300
ccagagatgt	catcagagct	cctctgtcct	gcttctgaat	gtgctgatca	tttgaggaat	360
aaaattattt	ttccc					375

<210> 962
 <211> 409
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 962						
ctggggaggc	ccnccgggcc	tctcangtgg	acaggtccag	gcattgggtg	aagctggatg	60
aagctggggc	ctnngctcct	nctcatcaaa	tacagatcac	tgngaccctg	tcctcctcca	120
tggtgctggt	ctcctcggcc	ccactgcccc	tgcttctgct	ttcttcctcc	acctcctcct	180
ccccagctc	catgtccagc	tcgttgccctg	cctctgaggg	tgtgtaggtg	gagccactga	240
tggaacggca	gctaaagaag	acgattcgct	tgagccgctt	gttgtagaag	aagtagttga	300
aggaccagag	gctaccatcc	tccccgaagg	gatctgagtc	caagtctggg	ttatagctgt	360
agatgtcaca	ttcagccagg	cagatctcct	cgtccaccgc	gttccacag		409

<210> 963
 <211> 163
 <212> DNA
 <213> Homo sapien

<400> 963						
gccatggcgt	cctatttcga	tgaacacgac	tgcgagccgt	cggaccctga	gcaggagacg	60
cgaaccaaca	tgctgctgga	gctcgcaagg	tcacttttca	ataggatgga	ctttgaagac	120
ttgggggttg	tagtagattg	ggaccaccac	ctgcctccac	cag		163

<210> 964
 <211> 344
 <212> DNA
 <213> Homo sapien

<400> 964						
ccactggctg	agttattggc	ctggcaggta	tagagtccgc	tgttcttctc	agtgatgttg	60
gagataaaga	gctcttgtgt	gtgttgctgg	atgttcccat	caatcagcca	agaatactgt	120
gcaggtgggt	tagaggctgc	atggcaggag	aggctgaggt	tcaccctcctg	acggtaatag	180
gtgtatgagg	gggaaatggt	ggggtcgtct	gggccataga	ggacattcag	gatgactggg	240
tcgctgtggt	caacacttaa	ttcgttctgg	attccacact	catagggctc	tacatcattc	300
cttgtgacac	tgagtagagt	gagggtcctg	ttgtcattgg	acag		344

<210> 965
 <211> 461
 <212> DNA
 <213> Homo sapien

<400> 965						
ctgagctttc	agcagataaa	tcacagcaga	aatagaatca	ccctaggact	ttcaatcaaa	60

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agctggaagt	ccaccttaca	gaaagacaaa	aagaaacccc	tttttatatc	ttaacaaagc	120
aatagctctc	aagcagcaga	gcctctcgag	gaagggaagct	tgcccgggtcg	ccatcccatc	180
atgccagagc	gtgcagtgtc	cacccttgac	tacgctgggg	aattgctgat	tttttgaaaa	240
agcttaactt	aacaatttct	gatgtctatc	tttttagagtt	ctgtatgttc	ccatttttta	300
ttctttctgaa	ttttgaattg	caagtagctg	taaaatccaa	tctttgagtg	catgggggtg	360
ggtgtgaggc	ggggctcagc	ttcaaccccc	tgtcctgtaa	agcagtggct	ggtttttcct	420
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<210> 966

<211> 246

<212> DNA

<213> Homo sapien

<400> 966

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tagtaaaacta	tttgtaaatg	gggacatatc	ttcccagcac	cagtaggaca	cattgatctt	180
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<210> 967

<211> 244

<212> DNA

<213> Homo sapien

<400> 967

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tcagaaaagg	gtcagcccga	gacaggctga	gccagagttt	ctagaagcag	tttccaattc	180
aacggctcgc	tttgagggcc	aacgtgtcct	aggccgaggc	tgcagaagcg	ctcacacact	240
cacg						244

<210> 968

<211> 436

<212> DNA

<213> Homo sapien

<400> 968

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gccagcatgg	tggtctcata	ttaagtagta	acagaagtct	gaacaattgg	ataaatttga	180
cttccaagac	agctaaactt	ttcaactgca	attttaaaaa	ctacactaca	ctgttatagt	240
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aacctttaat	aattttgcaa	agaaggggtac	gtgtgtat	taatatagcc	tgacctgaat	360
ttatatgttt	ttagcttttag	tatttaactt	tttgtaacaa	ataaaccttt	tttaaaacaa	420
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<210> 969

<211> 383

<212> DNA

<213> Homo sapien

<400> 969

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caggtgtcag	gatcagaatc	atgggtagaa	ggtgccattc	agctcacagc	cgcacccaga	120
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<210> 970
 <211> 543
 <212> DNA
 <213> Homo sapien

<400> 970	
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gtcagggagg	ccgtgttgcc
cgatcagtga	catcataaat
gagacatagt	tataaaaacc
tgt	

<210> 971
 <211> 416
 <212> DNA
 <213> Homo sapien

<400> 971	
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ggtgtacgcc	tgtaatccca
ggaggcggag	gttgacgtga
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<210> 972
 <211> 242
 <212> DNA
 <213> Homo sapien

<400> 972	
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ggaaaaaaat	gcaatttgca
ag	

<210> 973
 <211> 347
 <212> DNA
 <213> Homo sapien

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<400> 973
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 gagctgtctt cccagccac catcccatc gtgggcatca ttgctggcct ggttctcctt 180
 ggagctgtga tcaactggagc tgtggctcgt gccgtgatgt ggaggaggaa gagctcagga 240
 cattttcttc ccacagatag aaaaggagg agttacactc aggctgcaag cagtgcacgt 300
 gcccagggt ctgatgtgtc tctcacagct tgtaaaagtgt gagacag 347

<210> 974
 <211> 571
 <212> DNA
 <213> Homo sapien

<400> 974
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 aagtaaaggg attgcttata ttgaatttaa gacagaagct gatgcagaga aaacctttga 180
 agaaaagcag ggaacagaga tcgatgggcg atctatttcc ctgtactata ctggagagaa 240
 aggtcaaaat caagactata gaggtggaaa gaatagcact tggagtgggtg aatcaaaaac 300
 tctggtttta agcaacctct cctacagtgc aacagaagaa actcttcagg aagtatttga 360
 gaaagcaact tttatcaaag taccacagaa ccaaaatggc aaatctaaag ggtatgcatt 420
 tatagagttt gcttcattcg aagacgctaa agaagcttta aattcctgta ataaaaggga 480
 aattgagggc agagcaatca ggctggagtt gcaaggaccc aggggatcac ctaatgccag 540
 aagccagcca tccaaaactc tgtttgtcaa a 571

<210> 975
 <211> 221
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 975
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 gggtagccgc agtccaccct gtccttggct ggcacggcac actggtttgc agacaggccc 180
 acgtactcct cagcagagct ggaggacagc aaggccagga c 221

<210> 976
 <211> 316
 <212> DNA
 <213> Homo sapien

<400> 976
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 ccctaagtc aactcttcca aggagtatgt gtgacctggg atctccttgc cccagcctga 240
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 ggggtgccgga caaagg 316

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<210> 977
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 977
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 ggcttgctgc aggaggatgt cacgctgaga aaggagatg actaggagca gaaaaagtac 180
 tctcaactgtt ccagcttcca gcccaatcct agcagaatga atgcatttta aaatcagtcc 240
 acattcacat gtgctgagaa ggttgttagt ggtccctcat ctgggcaaag cagaccaag 300
 atggtgctaa gtgcagagtgc cagagcattc ttgtg 335

<210> 978
 <211> 280
 <212> DNA
 <213> Homo sapien

<400> 978
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 tcataataag cccttgggat ttgctgagct cccacatggc tttcttcaac cacctggccc 120
 actttcttca accacattcc actttggaat gcggtgtctt aaggcaccaa gtgatcttaa 180
 gaatgggctc tgtttttgaa ttcagcaatc caagttccta tctatctcgg tgggacctcc 240
 aaaaaaaga aaaaggattg gcttggcttc taatgtaagg 280

<210> 979
 <211> 318
 <212> DNA
 <213> Homo sapien

<400> 979
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 ggaggtccca tccggcggcc aggtttctgt tcagtcctggg gagcaatgcc aactggctgc 180
 ccccatagcc tggcatgagc tgatggccca gtgcaatccc aaagcaaaga agggcagaac 240
 tgggccaaga agctgtggta atttgccttc cctgcctccg acagcgtcgt cctctccttt 300
 tgcagcccca cacgcagg 318

<210> 980
 <211> 568
 <212> DNA
 <213> Homo sapien

<400> 980
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 aatctgtgaa gtggatctag tgatcagttt gaattattcca tttgaaacac ttaaagatcg 120
 tctcagccgc cggttgattc accctcctag cggaagggtg tataacctgg acttcaatcc 180
 acctcatgta catggtattg atgacgtcac tgggtgaaccg ttagtccagc aggaggatga 240
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 ctggccctac gtttacacac ttttctcaaa caagatcaca cctattcagt ccaaagaagc 420
 atattgacct tgcccaatgg gagaaccagg aagatgtggt cattcattca atagtgtgtg 480
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568

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atatcatgat	tgaaaaaaac	aaaacaaaaa	atgaacccaa	atcaaagtg	ggttaaactt		180
atatgagaaa	gattttttcaa	ccagatggtc	attcaaaaaa	gttgagctg	taagtgccgg		240
cgactgagga	cacagggtta	attcctcgct	gctggtgga	ggctagagaa	catcttcaa		300
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gcagcagtc	gcatttgctt	tttgactct	tgctggaggc	tggctatgac	atactgctgg		480
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<400> 982							
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cttggttagg	tcaaacacca	ggagggcccc	cactgcacca	cgatagtacc	cttgaagaca	420	
aagttataat	cttcctcagt	tccattcccc	atcttggtc	cgcatggagg	gtgcagggtg	480	
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<400> 983
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aatttcaagc tgactggcag                                     140

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<400>	984								
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tgtggggttt	gttttcgacc	ccttgagtgt	gtgtggggtt	tgtcttccga	gccacgaqcc				180

tgccctgtct	cgcggtgctg	ttcactctga	cagagtgcgc	ctgcagcacg	ttgcctccag	240
ggcccagcct	cccagaagcc	tcagagcatc	agagcatccg	tcccatcgga	tggaaccagaa	300
acaagaaaaat	gggggtgggg	gaatcacagc	tatcattcaa	aggaaaggaa	tttttttc	358

<210> 985
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 985	
ctgaccccc	60
acaagacaac	120
tgcacgccct	180
caaggagcat	240
cagttgaaaa	300
agaaaatgcc	360
aggagaacac	420
acagtttcag	450

<210> 986
 <211> 340
 <212> DNA
 <213> Homo sapien

<400> 986	
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agttgcagca	120
gcctggcatt	180
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ttgaccatat	300
tctctgaaat	340

<210> 987
 <211> 227
 <212> DNA
 <213> Homo sapien

<400> 987	
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ccgaggacct	227

<210> 988
 <211> 241
 <212> DNA
 <213> Homo sapien

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cctcttttta	60
tcaaacctgc	120
cagttgatta	180
agtaagggct	240
t	241

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<210> 989
 <211> 193
 <212> DNA
 <213> Homo sapien

<400> 989
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 ttgaaatcaa ttccgatggg ggagatgtaa gtgttggtga agttgtcctc tgcaaagcga 120
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 tcgtaggctt tgg 193

<210> 990
 <211> 499
 <212> DNA
 <213> Homo sapien

<400> 990
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 tccatctagc agagagaaaa ggggcactga agcagctatg tctgccaggg gctaggggct 180
 cccttgcaaga cagcaatgct acaataaagg acacagaaat gggggaggtg ggggagccct 240
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 aaaaccaatg ctgtgggttc tgccaagatg gaatattcct cctcctagtt ccacacatgg 360
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 ccaattttca agcacacga 499

<210> 991
 <211> 262
 <212> DNA
 <213> Homo sapien

<400> 991
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 ggtgaagagt ggttgccgag acacctccaa gacctggtac cgcactgacc caatgccgtc 180
 ccgcttcattg gtcagcttcg tgttttgaat cttggtaaac ctctgagggt taggttcgtt 240
 atgcttgctg cggtcgtgct tg 262

<210> 992
 <211> 535
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(535)
 <223> n = A,T,C or G

<400> 992
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 cccaaccccc aattcttctg tttatttttc ttgagacaga gtctcactgt gtagccca 180

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ctggagtgca	gtggcgcgat	ctcggctcac	tccaatctcc	gcctcccggg	tccctgttca	240
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cagctaattt	ctgtattttt	agtagagatg	gggtttcacg	atgttggtta	ggatgggtctc	360
gatctctggt	cagagtcttt	tctgtaaata	tccttggtta	agaagcaatt	ttagactgta	420
gctgttgcaa	atgctttaag	gaagaagcaa	aacaactgtc	agtcttntctg	aaatgaagaa	480
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<210> 993
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 993	
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aaaaccta	aaa aataaaacaaa aagccaaaca agccttagct tttcttaaag gctgaaatgc 120
ctggaagtgt	ccctttattt ataaaataac ttttgtcata tttcttatac atgtttcttg 180
taagaaattc	agaaactaca gacaaagaga gtggaatta cccactgtca gg 232

<210> 994
 <211> 203
 <212> DNA
 <213> Homo sapien

<400> 994	
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ccagctcagc	cttcccgtac tccagggaaat aggaggccca cagagtgggg cctggcagct 120
tcccccgctt	tcggatgagc acgcagccca gtccaagctc ctgggccagg gaggggcca 180
agaggaagcc	tcgggagtct agg 203

<210> 995
 <211> 238
 <212> DNA
 <213> Homo sapien

<400> 995	
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aattttgaga	ccaggtctcg ctgtgttgct caggctggtc ccaaactcct gagatcaagc 180
aatccgcca	cctcagcctc ccaaagtgtc gagatcacag gcgtgagcca ccaccagg 238

<210> 996
 <211> 379
 <212> DNA
 <213> Homo sapien

<400> 996	
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gttgctggag	atggagggct tgggcagctc cgggtatata tggaactgtc cggttgcttc 180
ttcattcaca	agatctgact ttatgacttg tagggtatag aatcctgtgt cattctgggt 240
gacgttctgg	atcagcaggg atgcattggg gtatattgtc tctcgaccac tgtatgoggg 300
ccctggggta	gcttggttag ttctattac atatcctaca attagactgt tgccatccac 360
tctttcgctt	ttgtaccag 379

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<210> 997
 <211> 210
 <212> DNA
 <213> Homo sapien

<400> 997
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 aaaatcttca attggattat gttgacctct accttattca ttttccagtg tctgtaaagg 180
 ccgtggagaa gtgtaaagat gcaggattgg 210

<210> 998
 <211> 207
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

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 gaacccctgc tgctgggct tcatagcatt cgcctactcc gtgaagtcta gggacaggaa 180
 gatggttggc gacgtgaccg gggccca 207

<210> 999
 <211> 315
 <212> DNA
 <213> Homo sapien

<400> 999
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 ggccagcaaa aatatcaagg gtcaaataac gcacatttct gtttaggcca tctatggctt 240
 tcatctcctc tgaagtcaac tgggaattcaa acacctgcac gttctgtctg atgcgctgct 300
 cattgtagct cttgg 315

<210> 1000
 <211> 186
 <212> DNA
 <213> Homo sapien

<400> 1000
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 gtggagtggg agcggagaca gcagagcgcc tgtattgggg gcccgcccaa tgcttgcttg 180
 gatcag 186

<210> 1001
 <211> 173
 <212> DNA

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<213> Homo sapien

<400> 1001

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cggtaacaac	gggcggggcg	gcgggccatg	gcgacaccag	gatcttcagt	ggc	173

<210> 1002

<211> 302

<212> DNA

<213> Homo sapien

<400> 1002

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gtcgccgtgc	accaacttcc	acccagactc	ctccatgggt	tcttcaatgt	catcctcctt	120
gttgtagtgt	gcaatgtcct	tccggagggt	ccgaatgata	atcatgctca	ggataacctga	180
caggaagaag	accacaacaa	cggagttaat	gatagaaaac	cagtggatct	ggacgtcact	240
catggtcagg	taagtgtccc	agcgagaggc	ccatttgata	tcactttcct	cccagtggac	300
ag						302

<210> 1003

<211> 368

<212> DNA

<213> Homo sapien

<400> 1003

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ggctcactgc	aacctctgcc	tcctgggctg	cagtgattct	cctgcgttca	agtaattctc	180
ctgcctcggc	cttctgagta	gttgggatta	caggcatatg	ccaccacact	tggctaattt	240
tttgtatttt	tagtagaaat	ggggtttcac	catgttggcg	aggctgggtc	cgaactcccg	300
acctcaagga	tcctcctgcc	tcggcctcct	aaggtgctgg	gattgcaggt	gtgagccacc	360
acgtctggtg						368

<210> 1004

<211> 294

<212> DNA

<213> Homo sapien

<400> 1004

ctgggcggat	agcaccgggc	atatttttga	atggatgagg	tctggcaccc	tgagcagtcc	60
agcgaggact	tggtcttagt	tgagcaattt	ggctaggagg	atagtatgca	gcacggttct	120
gagtctgtgg	gatagctgcc	atgaagtaac	ctgaaggagg	tgctggctgg	taggggttga	180
ttacaggggt	gggcacagct	cgtacacttg	ccattctctg	catatactgg	ttagtgagggt	240
gagcctggcg	ctcttctttg	cgtctgagcta	aagctacata	caatggcttt	gtgg	294

<210> 1005

<211> 414

<212> DNA

<213> Homo sapien

<400> 1005

ctgaagcact	cttcagagac	tacgtccaca	gacactgatg	ctgaggcctt	tcttgtaagt	60
gaagaaaaag	gaatgcagca	aagaagagtt	cgacattgga	gtccttagtt	ccatcaggat	120

09849626-050301

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ccattcgca gccttttagca tcatgtagaa gcaaactgca cctatggctg agataggtgc 180
aatgacctac aagattttgt gttttctagc tgtccaggaa aagccatctt cagtcttgct 240
gacagtcaaa gagcaagtga aaccatttcc agcctaaact acataaaagc agccgaacca 300
atgattaaag acctctaagg ctccataatc atcattaaat atgcccaaac tcattgtgac 360
ttttttatttt atatacagga ttaaaatcaa cattaaatca tcttatttac atgg 414

```

```

<210> 1006
<211> 272
<212> DNA
<213> Homo sapien

```

```

<400> 1006
ccggagccca cgggtggcat ggctgccaga gcgctctgca tgctggggct ggtcctggcc 60
ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgcctg 120
ccagccaagg acaggggtga ctgctggctac ccccatgtca cccccaagga gtgcaacaac 180
cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gcccctgcag 240
gaagcagaat gcaccttctg aggcacctcc ag 272

```

```

<210> 1007
<211> 313
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

```

```

<400> 1007
cctgccttac tctnttcctt ttccccaggg actcttggtt ttcagaagcc cctctggaat 60
gtcctacctg gcctaacccc ataccagcag tgcagacaag gaggcaactc tactatagtg 120
gggtccagccc atggagagac tcacttcctg ccccaacacc tcttccccta gaccctgagg 180
gccaggacaa tgtcttagtg ccttccaact tggcagagtg agggcccatg agacagagag 240
aaagggggaa gagggaaata cctttatcca aataaatacc catccaaaat tatttgtgat 300
aggtgaaaaa tgg 313

```

```

<210> 1008
<211> 317
<212> DNA
<213> Homo sapien

```

```

<400> 1008
cctcaatgtc gtgctagagg ggccgaagaa ggccgtgaac gacgtgaatg gcctgaagca 60
atgtttggca gaattcaagc gggatctgga atgggttgaa aggctcgatg tgacactggg 120
tccggtaccg gagatcggtg gatctgaggc gccagcacct cagaacaagg accagaaagc 180
tggtgatcca gaagacgact tccagcgaga gatgagtttc tatcgccaag cccaggccgc 240
agtgccttga gtcttacccc gcctccatca gctcaaagtc cctaccaagc gacccaactga 300
ttattttgcy gaaatgg 317

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<210> 1009
<211> 456
<212> DNA
<213> Homo sapien

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F01050-9264860

<400> 1009
 tttttttgta gggatatagaa aatacatttt taatttttgat agagttcaca aatgacagca 60
 ttgacatttc tttaaacaaa tacttctgtc aaggcacagc attaccatgt gtccccagat 120
 gccaagagg cagtgatttc atgtccccct gaggttttagc agagccacca atgtcaatag 180
 ggtggctgac ggggcctaga tttgctacca gataagccaa tgagacatgc tgtcagattt 240
 atggttacat aatcaagtat ttaaaaagat gcacaatagg taactgcaat gagcttgttc 300
 tgcatttagc gatagttcct ttcaaacaaa gaagatagtt ttcagtatca agaaggatgc 360
 ctatatgtat gtcttccatg gagcctttcc tacaaattgc tttcattaca cattaagg 420
 agttcagctt tattgtgacc ttcttgagtc attcag 456

<210> 1010
 <211> 196
 <212> DNA
 <213> Homo sapien

<400> 1010
 ctgggcatgg gctgaggaga ggtcttgctt gcccccttca actttccatc tcagaactat 60
 aaactgctag gctgcaagga gagaagggct aagtgggggt cagacaggag agaagggcag 120
 gaggcagtga gccccgatga cccaccaact ccaccaggcc ctgacaggga agcccccttg 180
 gttagttatca ttttgg 196

<210> 1011
 <211> 449
 <212> DNA
 <213> Homo sapien

<400> 1011
 ccttgccggt gctgcgaaag gccacggcgc tgccctgccg ccggggccgag tactttgatg 60
 gttcagagcc cgtgcagaac cgcgtgtaca agtcactgaa ggtctggtcc atgctcgccg 120
 acctgaagga gagcctcggc accttccagt ccaccaaggc cgtgtacgac cgcctcctgg 180
 acctgcgtat cgcaacaccc cagatcgta tcaactatgc catgttctctg gaggagcaca 240
 agtacttcga ggagagcttc aaggcgtacg agcgcggcat ctgctgttc aagtggcca 300
 acgtgtccga catctggagc acctacctga ccaaattcat tgcccgtat gggggccgca 360
 agctggagcg ggcacgggac ctgtttgaac aggctctgga cggctgcccc caaaaatatg 420
 ccaagacctt gtacctgctg tatgcacag 449

<210> 1012
 <211> 289
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 1012
 ccaggaccac aacccacgc tgtagctggt agcgcagggc aatcagggt ggggttcgct 60
 tgtgttttt tgccaaggca caaaggactg ggtcctccaa gagcaccggg gaggtcgggt 120
 ccacccatgg ttcttctcgg tgggatccca gagcactata ggcaaccaga acaatgtctt 180
 ttgacttgca gaaatccagc agttttctct ggttgaagta aggatgacat tccacctggt 240
 tgcagacagg cttgtacttg agccctggct tgnnaggat catctccag 289

<210> 1013

<211> 221
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 1013
 tctgtaaatg ctgcggttcct aatttagtaa aataaaagaa tagacactaa aatcatgttg 60
 atctataatt acacctatgg gatcaataag catgtcanna ctgattaatg tctactgtaa 120
 aaatttggtgta gnnaaatttt catttgatat tagatataaa tatctgaata taaataattn 180
 taatatacta gtcatgatgt gtgttgatt ttaaaaatta t 221

<210> 1014
 <211> 512
 <212> DNA
 <213> Homo sapien

<400> 1014
 gggccccga agcctctaca atgggctggt tgccggcctg cagcgccaaa tgagctttgc 60
 ctctgtccgc atcggcctgt atgattctgt caaacagttc tacaccaagg gctctgagca 120
 tgccagcatt gggagccgcc tcctagcagg cagcaccaca ggtgccctgg ctgtggctgt 180
 ggcccagccc acggatgtgg taaaggtccg attccaagct caggccccggg ctggaggtgg 240
 tcggagatac caaagcaccg tcaatgccta caagaccatt gcccgagagg aagggttccg 300
 gggcctctgg aaagggacct ctcccaatgt tgctcgtaat gccattgtca actgtgctga 360
 gccggcgacc tatgacctca tcaaggatgc cctcctgaaa gccaacctca tgacagatga 420
 cctcccttgc cacttcactt ctgccttttg ggcaggcttc tgcaccactg tcatcgctc 480
 ccctgtagac gtggtcaaga cgagatacat ga 512

<210> 1015
 <211> 553
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

<400> 1015
 ctgggcagga agattatgat cgcccagagg ccctctccta cccagatacc gatgttatac 60
 tgatgtgttt ttccatcgac agccctgata gttcagaaaa catcccagaa aagtggaccc 120
 cagaagtcaa gcattttctgt cccgacgtgc ccatcatcct ggttggaat aagaaggatc 180
 ttcggaatga tgagcacaca aggcgggagc tagccaagat gaagcaggag ccggtgaaac 240
 ctgaagaagg cagagatatg gcaaacagga ttggcgcctt tgggtacatg gagtgctcag 300
 caaagaccag agatggagtg agagaggttt ttgaaatggc tacgagagct gctctgcaag 360
 ctagacgtgg gaagaaaaaa tctgggtgcc ttgtcttggt aaaccttgct gcaagcacag 420
 cccttatgcg gttaattttg aagtgtgttt tattaatcct agtgtatgat tactggcctt 480
 tttcatttat ctataattta cctaagatta caaatcanga agtcatcttg ctaccagtat 540
 ttagaagcca act 553

<210> 1016

1014-1015: 92964860

<211> 431
 <212> DNA
 <213> Homo sapien

<400> 1016
 ccacttcaca tgatggcggg cctttaagag cacaaagaag tttaatatgg acaacaacag 60
 gaaaaagcaa gaagaaaaca agtagggaaa gacagctaac ctggagagag agaatttctt 120
 taacctttat gttcttcatt aaaaatctta tcttgactg atttgaggga tttttagaaa 180
 catggcctta ttttatataa gcattacctt cccaggaatc tttgttgtat attaatTTTT 240
 gataaccatt tgattaactt taaaattaag tatatgtgtg tatatatata tatgtatgtt 300
 tatatacaca catgtatctg tatagtTTTA tatatacata tatacacata gacatacaga 360
 gaaccactac tttgtaatag tgtacagttt gttttatatc tctttacttt ttttgttact 420
 attttatctg t 431

<210> 1017
 <211> 490
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(490)
 <223> n = A,T,C or G

<400> 1017
 ctggaagaac aaggcgaagt tctggtggct gtctgcgatg aatgtgccct tggctttggc 60
 tgggtatgtc acccggttag ttttgggtgc aatgctctga tccttatcca cggtggaag 120
 atcaacattt gtgatgcaa cttcagtggg gatcttgact ctgagctcta cggatatttg 180
 aatataccgg ttgtcacctt caacttcgac aaggaagtca taataaccac tggaaaattt 240
 gacgttcatg aaatttagtt caaaaacatc ccctacaggg gtgaaggatg tcttctggag 300
 gacagtggct ctggaagcaa cagatttagc atgttctagt ttaacagtgg cctgagtcag 360
 aggctgagac agaacattgg tgacttgcaa ccgcaagata gcctgttcat gagtgtcggg 420
 agcaganccc tcangcacia ccacaactgg cacgtggtag cgattatgcg agagcacagg 480
 cagacctcgg 490

<210> 1018
 <211> 503
 <212> DNA
 <213> Homo sapien

<400> 1018
 ggagtaagct gagtacaagt accatagcag cagagctgca aaaggtcttg ggacctatag 60
 tcctaattgca agataaggctc atggggccta aggccatggg gcctgaggca cccctagacc 120
 ctgagccttc agcatTTAag ggaggggtgtc ccccatctt cgataggcca tggtagacag 180
 atgggtctag ccgaggtgct ataaactgctt ggaccactgt tgcagtccaa cctagtactg 240
 aactatatg gtttgaaacc cgggtgtggac aaagtagcca atgggctgaa cttagagcag 300
 tgtggatggt gatcaccaag gaggtgacac tgatggtaat ctgtatcaat agctgggtgg 360
 tctaccaagg cttaactttg tggTTAacta cctggaaaat acagaagttg ctagtcggcc 420
 accaaccat ttgggggtcaa gccacgtggc aagacctctg ggaaatgggt catcagaaac 480
 aggtaaccgt ttatcatgtg tca 503

<210> 1019
 <211> 348
 <212> DNA

<213> Homo sapien

<400> 1019

cctgtgtatg	gagtagaggg	gggtgcacgg	gtactgttcc	tcacggcagt	caagaggccc	60
aggctctgtg	ggctccagct	ctgcatttcc	cggttctggg	gttggggctg	ggatgacttc	120
ctgttggaact	tgctgctggg	actggaactg	gaactgttcc	tcggaggggcc	gaggagtac	180
ctcttgataa	tcatagtagt	ctgggttgtc	gatctggtcg	ctatagtggg	tgtactggac	240
gtggtcaggg	aacggcggca	gcgggtccag	gtcatactgg	ccctgagcca	gcaagcctgc	300
aggcaggaat	agcaggaaga	ggtaggcagc	tctcatggca	acaaagag		348

<210> 1020

<211> 260

<212> DNA

<213> Homo sapien

<400> 1020

ccacacggcg	accgagggac	agatggggcc	ctgcgtccca	taggctgcct	gaaggtgggt	60
agggcgccct	gcggcatagt	gggggtggctg	tgggctccca	gcctggcccc	tgggaaccgt	120
gggagcacag	ggacaagcac	atggctatgg	aatgcagggg	gacccaagga	caagcgagtt	180
gcggggatct	ctactgtgac	catgcagaat	tgatcgagct	ctgctgcgcc	accaccacct	240
catgttcccc	aggggaacag					260

<210> 1021

<211> 407

<212> DNA

<213> Homo sapien

<400> 1021

ccttatgact	ataacggccc	acgagaaaaa	tatggaatcg	ttgattacat	gatcgagcag	60
tccgggcctc	cctccaagga	gattctgacc	ctgaagcagg	tccaggagtt	cctgaaggat	120
ggagacgatg	tcatcatcat	cgggtctttt	aagggggaga	gtgaccagc	ctaccagcaa	180
taccaggatg	ccgctaacaa	cctgagagaa	gattacaaat	ttcaccacac	tttcagcaca	240
gaaatagcaa	agttcttgaa	agtctcccag	gggcagttgg	ttgtaatgca	gcctgagaaa	300
ttccagtcca	agtatgagcc	ccggagccac	atgatggacg	tccaggggctc	caccaggagc	360
tcggccatca	aggacttcgt	gctgaagtac	gcctgcgcc	tggttg		407

<210> 1022

<211> 140

<212> DNA

<213> Homo sapien

<400> 1022

ccaccccaga	gtgggagagg	ctgggaggtt	gggaggctgt	ggagagaagt	gagcaagggtg	60
ctcttgaacc	tgtgctcatt	ttgcaatttt	atcagtaatt	tgacttagag	tttttacgaa	120
acctcttttg	ttgtccttgc					140

<210> 1023

<211> 280

<212> DNA

<213> Homo sapien

<400> 1023

ctggagggtgc	ctcagaaggt	gcattctgct	tcctgcaggg	gcttgaaaca	ccaaggcact	60
ccagggatcc	tggagtcaaa	gcagcagccc	cgggtgttgc	actccttggg	ggtgacatgg	120

gggtagccgc agtccaccct gtccttggct ggcacggcac actggtttgc agacaggccc 180
 gcgtactcct cagcagagct ggaggacagc aaggccagga ccagccccag catgcagagc 240
 gctctggcag ccatgaccac cgtgggctcc gggacgcagc 280

<210> 1024
 <211> 274
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 1024
 cctggctgag caggcagagc accctgggac cccagggcag aaggaccct gccctccagt 60
 ccccaagacc caggcccgtc tccactcata cagccacct acatgtgacg tcagccctga 120
 aaaggtaaca ggaaagtcca gaacaaaaac aaaaccccaa aagtaaaaag gctacgtgta 180
 gcagagtaat accggaaacg ttatatacac aggcggtgat ggccccctcg gaagtgtccg 240
 ggtcacttag ggggcactgc anaggtcctt gtgg 274

<210> 1025
 <211> 446
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(446)
 <223> n = A,T,C or G

<400> 1025
 gcaaagagtg tactgtgctt gaggcagagc actcacacat aaatggctgt gtgtggaatt 60
 gcttgccaaa gaagtttcta gcctttccct tccccctaac tgcacaggg aagaattctt 120
 atctctagct tggtttccac atgaggtttt tctgagaagg gcttgggaca agaagtctgt 180
 catgttagtt aagcaggcaa gaaatcctac taatccagtt ttgtttgaaa gttgtttgtc 240
 cgtatgattt tttaaaagtc aagtttaatt tcaaaaaaacc ttttttttct gagattactt 300
 ttggggtaat atttaaaatg agagacattt tgtaaccctg taaaatacat agggaatata 360
 acattccagt gtatacaaag aaggcaaatt ctttaaatcaa ataaagcgca ttataaaatc 420
 aaaaaanaaa naaaaaaaaaa aaaaaa 446

<210> 1026
 <211> 189
 <212> DNA
 <213> Homo sapien

<400> 1026
 ctgtgagaga gatgctcaat atgccccagg ctatgacaaa gtcaaggaca tctcagaggt 60
 ggtcaccctt cggttccttt gtactggagg agtgagtccc tatgctgacc ccaatacttg 120
 cagaggtgat tctggcggcc ccttgatagt tcacaagaga agtcgtttca ttcaagttgg 180
 tgtaatcag 189

<210> 1027
 <211> 92

<212> DNA
<213> Homo sapien

<400> 1027
ccagaccctc cttagtagac gatctcggac cacaaaccaa ggagtctcgt ggccttggat 60
tcccagaccc taggatggta tccctctgac ag 92

<210> 1028
<211> 438
<212> DNA
<213> Homo sapien

<400> 1028
ctgaaaagcc atctttgcat tgttcctcat ccgcctcctt gctcgccgca gccgcctccg 60
ccgcgcgcct cctccgcgcg cgcggactcc ggcagcttta tcgccagagt ccctgaactc 120
tcgctttctt tttaatcccc tgcattcgat caccggcgtg ccccaaccatg tcagacgcag 180
ccgtagacac cagctccgaa atcaccacca aggacttaaa ggagaagaag gaagttgtgg 240
aagaggcaga aaatggaaga gacgcccctg ctaacgggaa tgctaatgag gaaaatgggg 300
agcaggaggc tgacaatgag gtagacgaag aagagggaaga aggtggggag gaagaggagg 360
aggaagaaga aggtgatggt gaggaagagg atggagatga agatgaggaa gctgagtcag 420
ctacgggcaa gcgggcag 438

<210> 1029
<211> 330
<212> DNA
<213> Homo sapien

<400> 1029
ccagccgcat gggagtggag gcagtcacg ccttgctaga ggccaccccg gacaccccag 60
cttgcgctcgt gtcactgaac gggaaccacg ccgtgcgcct gccgctgatg gaggcgctgc 120
agatgactca ggatgtgcag aaggcgatgg acgagaggag atttcaagat gcggttcgac 180
tccgagggag gagctttgcg ggcaacctga acacctaca gcgacttgcc atcaagctgc 240
cggatgatca gatcccaaag accaatcgca acgtagctgt catcaacgtg ggggcacccg 300
cggctgggat gaacgcggcc gtacgctcag 330

<210> 1030
<211> 228
<212> DNA
<213> Homo sapien

<400> 1030
ctggagactc tgggccagga gaagctgaag ctggaggcgg agcttggcaa catgcagggg 60
ctggtggagg acttcaagaa caagtatgag gatgagatca ataagcgtac agagatggag 120
aacgaatttg tcctcatcaa gaaggatgtg gatgaagctt acatgaacaa ggtagagctg 180
gagtctcgcc tggaagggct gaccgacgag atcaacttcc tcaggcag 228

<210> 1031
<211> 294
<212> DNA
<213> Homo sapien

<400> 1031
ccacaaagcc attgtatgta gcttttagctc agcgcaaaga agagcgccag gctcacctca 60
ctaaccagta tatgcagaga atggcaagtg tacgagctgt gcccaaccct gtaatcaacc 120

cctaccagcc agcacctcct tcaggttact tcatggcagc tatcccacag actcagaacc 180
 gtgctgcata ctatcctcct agccaaattg ctcaactaag accaagtccc cgctggactg 240
 ctcagggtgc cagacctcat ccattccaaa atatgcccg tgctatccgc ccag 294

<210> 1032
 <211> 278
 <212> DNA
 <213> Homo sapien

<400> 1032
 ggaggtatta cagacagcac tgcactttgg agttgggcag ctacatcgag gacctctttg 60
 tgggccacag tgacctctcc agcattgtga tcctggataa ctccccaggg gcttacagga 120
 gccatccaga caatgccatc cccatcaaat cctggttcag tgaccccagc gacacagccc 180
 ttctcaacct gctcccaatg ctgggtgcc tcaggttcac cgctgatgtt cgttcctgtc 240
 tgagccgaaa ccttcaccaa catcggtct ggtgacgg 278

<210> 1033
 <211> 155
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(155)
 <223> n = A,T,C or G

<400> 1033
 cgcgttcanc catgttnaaa ccgattgcat naacttcgaa accggcccgc ccgcccggcg 60
 ctggagaggg gcanngggag aagcagagag tttatcattc atctgtacac atagacgttt 120
 cttcttttaa taacaccacg ggcgggagcc ccac 155

<210> 1034
 <211> 401
 <212> DNA
 <213> Homo sapien

<400> 1034
 ctggaccagc accccattga cgggtacctc tcccacaccg agctggctcc actgcgtgct 60
 cccctcatcc ccatggagca ttgcaccacc cgctttttcg agacctgtga cctggacaat 120
 gacaagtaca tcgccctgga tgagtgggccc ggctgcttcg gcatcaagca gaaggatatc 180
 gacaaggatc ttgtgatcta aatccactcc ttccacagta ccgattctc tctttaaccc 240
 tccccctcgt gtttccccca atgtttaaaa tgtttggatg gtttgtgtt ctgcctggag 300
 acaaggtgct aacatagatt taagtgaata cattaacggt gctaaaaatg aaaattctaa 360
 cccaagacat gacattctta gctgtaactt aactattaag g 401

<210> 1035
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 1035
 ctgagctggg ggttgaatth ctccaggcac tccctggaga gaggaccag tgacttgtcc 60
 aagtttacac acgacactaa tctcccctgg ggaggaagcg ggaagccagc caggttgaac 120
 tgtagcgagg cccccaggcc gccaggaatg gacctgtcag atcactgtca gtggagggaa 180

gctgctgact gtgattaggt gctggggtct tagcgtccag cgcagcccgg gggcatcctg 240
 gaggtctctgc tccttagggc atggtagtca ccgcgaagcc gggcaccgtc ccacagcatc 300
 tcctagaagc agccggcaca ggaggaaggg tgg 333

<210> 1036
 <211> 198
 <212> DNA
 <213> Homo sapien

<400> 1036
 ccaatgtaca tgggtggacta tgccggcctg aacgtgcagc tcccgggacc tcttaattac 60
 tagacctcag tactgaatca ggacctcact cagaaaagact aaaggaaatg taattttatgt 120
 acaaaatgta tattcggata tgtatcgatg ccttttagtt tttccaatga tttttacact 180
 atattcctgc caccaagg 198

<210> 1037
 <211> 289
 <212> DNA
 <213> Homo sapien

<400> 1037
 ctggagatga tcctcaacaa gccagggctc aagtacaagc ctgtctgcaa ccaggtggaa 60
 tgtcatcctt acttcaacca gagaaaactg ctggatttct gcaagtcaaa agacattgtt 120
 ctggttgctt atagtgtctt gggatcccac cgagaagaac catgggtgga cccgaactcc 180
 cgggtgctct tggaggaccc agtcctttgt gccttggaac aaaagcacia gcgaaccca 240
 gccctgattg ccctgcgcta ccagctacag cgtgggggtg tggctcctgg 289

<210> 1038
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 1038
 ccagacgtgg tggctcacac ctgcaatccc agcaccttag gaggccgagg caggaggatc 60
 cttgaggtca ggagttcgag accagcctcg ccaacatggg gaaaccccat ttctactaaa 120
 aatacaaaaa attagccaag tgtggtggca tatgcctgta atcccaacta ctcagaaggc 180
 cgaggcagga gaattacttg aacgcaggag aatcactgca gcccaggagg cagaggttgc 240
 agtgagccga gattgcacca ctgcactcca gcctgggtga cagagcaaga ctccatctca 300
 gtaaataaat aaataaataa aaagcgctgc agtagctgtg gcctcaccct gaagtcagcg 360
 ggcccagg 368

<210> 1039
 <211> 417
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 1039
 ctgggcctat gctgggtcatg aacggtcctg gaaaatgact cccttccttc agtatctgca 60
 tctcatgaa gtcattcatt ttggagatcg tgtcttcact tttcttggtg aagaaactgc 120

```

tggatggagt tgttggtggc atctgaggag tccgaagatg gctctcaggg aaggttgtgc 180
tggcctctga aggatttggg agctgactct gttcctgggg tagctnnatg ctcttggggg 240
cattgnttct cggggttngt tttttcttta tctggataaa actatgcatt tctgaaatca 300
gttttgacat ctggttcttt tttcctaagt cgaaagcaga aaagttggaa gcttatctcc 360
ttcttcacag ggggatattg tggacattgn nctgtcccca ctacatccat ttttct 417

```

```

<210> 1040
<211> 409
<212> DNA
<213> Homo sapien

```

```

<400> 1040
ctgtccaatg gcaacaggac cctcactcca ttcaatgtca caagaaatga cgcaagagcc 60
tatgtatgtg gaatccagaa ctccagttagt gcaaaccgca gtgaccaggt caccctggat 120
gtcctctatg ggccggacac ccccatcatt tccccccag actcgtctta cctttcggga 180
gcgaacctca acctctcctg ccactcggcc tctaaccat ccccgagta ttcttggcgt 240
atcaatggga taccgcagca acacacacaa gttctcttta tcgcaaaat caccgcaaat 300
aataacggga cctatgcctg ttttgtctct aacttggcta ctggccgcaa taattccata 360
gtcaagagca tcacagtctc tgcattctgga acttctcctg gtctctcag 409

```

```

<210> 1041
<211> 492
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

```

```

<400> 1041
cctcggctcc acacctccgc tgtgaccaca gcctcaggtc aagctgtgct ggggccatcc 60
accttccttt gccatttaga agatggggct tggagcttgg caacacagaa attgacatca 120
gccttataaa accttggctg aacctaccga cctccaggag aatttcagcc aaaacaaaaa 180
agcaaatata cagagggacc ctggaaccag aatccctccc catgggaaag acgaaggcac 240
agagattcga gccaaagttt ccaacatgtt ggtgtttgca gaaaagtccg gtcacgtcac 300
acacagcaca gaggcaagaa gcgaaggcag tggcattcac aggactactt tatattaaag 360
tttattacat ttggaaaatc tactgtacag ggaaaaaccc attggattaa gtagagtttt 420
gccaaaagca aaagactatc actctttgga aaatattcct gattccagcc canggccag 480
ggtggggcca ca 492

```

```

<210> 1042
<211> 125
<212> DNA
<213> Homo sapien

```

```

<400> 1042
cctggctctg atccagtgac ccctctcacc aaagaactcg gtttaaccag ggctctgtaa 60
gaccactccc acccagagac ttgtgtggcc tgggtgtggc tgtgtgtcgg attccttctc 120
gtcag 125

```

```

<210> 1043
<211> 459
<212> DNA

```

<211> 412

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 1047
gtacaagctt tttttttttt tttttttttt tttgtttaat gcttgaactt ttttttgag 60
agagaaattt agaaagacac aaggtagaca gagtaaaatg tttttctttt ttcaggacct 120
tgaactgaat cttgcactgc tttggtttct atctaggaag ctacagcgaca gcagagtctg 180
tanaggcggc cactgatttc acacaccccg gagagggact cacgggtagc acaacggccg 240
gttcggcaat agcaggtggc tcttgccctga naacctgagg ttctaanaagc ananagtcca 300
tttctgcaa aggagatagc aaggtcctgg ttgtcttccc canactgctt ctgggttgta 360
gcctcatcag ctctttcctg gagtgactca gcctgggcct gcagggccac ca 412

<210> 1048
<211> 476
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(476)
<223> n = A,T,C or G

<400> 1048
taaaaaaagg aaaaagtttt attacgaaac tagtttgat aaaacagggt tatacatatt 60
tttgtaagtt tgtaataaaa cagtaagaaa aaaaggcagt aatagaaatc tccaaaaggc 120
aacctatcaa aaccaactgg ctgccacttt gagtttgag agtagctgca taaactttgt 180
tcttcttgaa cagtatttaa taacatcatt aatacattaa caacatttct ataaagtaag 240
acacattggt gctgaagtac aactgngggc ctcttgatct cacctatgag gagagttctt 300
tacaaaacca catagggaaa attgcagttg taaggngaac tacncatcta aaatatgcan 360
aggtaatagc attacatggt aaaggatatca aggnatata cacattttaa accatttggn 420
acaaaacttn tataaaattt ntttctctct ctttctctct tatgcacaaa aaatat 476

<210> 1049
<211> 274
<212> DNA
<213> Homo sapien

<400> 1049
cctggctgag caggcagagc accctgggac cccagggcag aaggaccct gccctccagt 60
cccgaagacc caggcccgtc tccactcata cagccacct acatgtgacg tcagccctga 120
aaaggtaca ggaaagttca gaacaaaaac aaaaccccaa aagtaaaaag gctacgtgta 180
gcagagtaat accggaaacg ttatatacac aggcggtgat ggccccctcg gaagtgtccg 240
ggtcacttag ggggcactgc agaggtccct gtgg 274

<210> 1050
<211> 472
<212> DNA
<213> Homo sapien

TOE050"92964360

<400> 1050
 ctgcagcctg ggactgaccg ggaggctctg attatttacc caccacaggt aggttgtggt 60
 ctgaatctca ggttcacagg ttaaggctac agcatcctca tcctccacgg ggttgaggt 120
 gttgctggtg atgaagggtt tgggtggctc tgcatagact gtgatcgtcg tgactgtggt 180
 cctattgagg ccagtgtctg agttatgggc ttggcacgta taggatccac tattattcac 240
 agtgatgttg gggataaaga gctcttgggt ggattgctgg aaagtcccat tgacaaacca 300
 agagtactgt gcagggtgggt tagaggctgc gtggcaggag aggttcagat tttccctga 360
 tctgtaagat gtgttttagag gggaaatggg gggggcatcc gggccataga ggacattcag 420
 gatgactgaa tcaactgcgc tggcactcac tgggttctgg gtttcacatt tg 472

<210> 1051
 <211> 249
 <212> DNA
 <213> Homo sapien

<400> 1051
 ccaccaaccg tggcatcacg cgaatccggg gcaccagcta ccagagccct caccgcatcc 60
 ccatagacct gctggaccgg ctgcttatcg tctccaccac cccctacagc gagaaagaca 120
 cgaagcagat cctccgcacg cgggtgcagg aagaagatgt ggagatgagt gaggacgcct 180
 acacggtgct gacccgcacg gggctggaga cgtcactgcg ctacgccatc cagctcatca 240
 cagacctgc 249

<210> 1052
 <211> 289
 <212> DNA
 <213> Homo sapien

<400> 1052
 ccaggaccac aacccacgc tgtagctggt agcgcagggc aatcagggtt ggggttcgct 60
 tgtgcttttt tgccaaggca caaaggactg ggtcctccaa gagcaccggg gagttcgggt 120
 ccaccatcg tttgtctcgt tgagatccca gagcactata ggcaaccaga acaatatctt 180
 tcgacttgca gaaatctagc aatttactcc ggttgaaata cggatgacat tctacctggt 240
 tgcagacagg cttgtacttg agtcctggct tgttgaggat catctccag 289

<210> 1053
 <211> 199
 <212> DNA
 <213> Homo sapien

<400> 1053
 ccacgactgc atgcccgcgc ccgccagggtg atacctccgc cggtgaccca ggggctctgc 60
 gacacaagga gtctgcatgt ctaagtgcta gacatgctca gctttgtgga tacgcggact 120
 ttgttgctgc ttgcagtaac cttatgccta gcaacatgcc aatctttaca agaggaaacc 180
 gtaagaaagg gccacgccg 199

<210> 1054
 <211> 224
 <212> DNA
 <213> Homo sapien

<400> 1054
 tcgaccctgt gaagcaggag acagatgctg cattttcact gttgtttgtc ctctgttttt 60
 gtagcatccc cggaacttc cccatcagcc aggggcttgt cccaccacc cttcacctgg 120
 ctttccagtt ggctgagacg ctgcttcac ttcactctgg tggcgttgta ctcagccagg 180

aggcgtgcaa acctggtctg cagggcgctcc agggaggacc ccag

224

<210> 1055

<211> 390

<212> DNA

<213> Homo sapien

<400> 1055

cctcttatta	gggctctggt	agcggcgggc	gcggaccctt	ggggtctgga	cgcaacggcg	60
gcgggagcat	gaacgcccct	ccagccttcg	agtcgttctt	gctcttcgag	ggcgagaaga	120
agatcaccat	taacaaggac	accaaggtag	ccaatgcctg	tttattcacc	atcaacaaag	180
aagaccacac	actgggaaac	atcattaaat	cacaactcct	aaaagaccgc	caagtgtctat	240
ttgctggcta	caaagtcccc	cacccttggg	agcacaagat	catcatccga	gtgcagacca	300
cgccggacta	cagccccag	gaagcctttg	ccaacgccat	caccgacctc	atcagtgtgc	360
tgtccctgct	ggaggagcgc	tttcgggtgg				390

<210> 1056

<211> 450

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 1056

ccagcatcac	cttttggtcc	nnacactcca	gggctgccag	gagcaccagt	gttaccgcga	60
ggacctgggg	gcccattcct	gcctggagaa	ccgctgggac	ctgggggtcc	tgggttacca	120
ttactaccag	gaggaccagg	aagaccacga	gcaccaggga	agccagcagc	accagggtcca	180
ccaggactgc	cacgttcacc	tttgacacct	tggggaccag	gaggaccagn	angtccagaa	240
cctccagggg	gtcctgcaac	tccaggaggg	cctccttcac	ctttctcacc	cggagcccct	300
ctttctcctt	taccaccagg	ttcaccattc	tgtccaggag	caccaggga	accagcaggt	360
cctggagggc	cagtttnacc	tctctcacca	nggctaacc	gaggtccagc	tatacctgga	420
agtccggggg	caccaccttc	acccttacct				450

<210> 1057

<211> 337

<212> DNA

<213> Homo sapien

<400> 1057

tgagcggccg	cccggcaggt	cctcgccctg	agggcccccg	gcagcacagg	gaggacgagc	60
ttgtccagca	gaggggtctg	cagagggtcc	cgcagagggt	tgggcagggg	gtctgacatc	120
cctggctcct	gctctggctc	tggctgcggg	gatttgcaca	ggcccaggtg	catacagatg	180
ccgtttgagt	caatctgggt	ctggaagtag	tcgatgacca	gggggaagta	gtcgtcaagc	240
acttggttgc	actggggcat	gagcagcttc	aaggggagga	cgttgcactc	ctgctccagg	300
aacttcctca	tcgtgtcctg	gaaaatggcc	tccttggg			337

<210> 1058

<211> 237

<212> DNA

<213> Homo sapien

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<400> 1058
 ctggggactg ggaatgctag catatggtat ctcaagttgg ctctcagaac taaacgggga 60
 taagggccta gaatggaaga gggaaccagc cagaccctca gtccttcctg tcttgactg 120
 ggagccacag atgtccctgt gatctgtcac tgccctgata tgggtcttca gccattaaag 180
 ctcagtgtca tcttcagtca ccaacggggg tcttggtgtc cttccaaacc cctttgg 237

<210> 1059
 <211> 210
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(210)
 <223> n = A,T,C or G

<400> 1059
 agcccatccc cccggctccc tctagtctg ccctgcgtcc tctgtccccg ggtttcagag 60
 acaacttccc aaagcacaaa gcagtttttc cccctagggg tgggaggaag caaaagactc 120
 tgtacctact ttgtatgtgt ataataattt gagatgtttt taattattnn gattgctgga 180
 ataaagcatg tggaaatgac ccaaaaaaaaa 210

<210> 1060
 <211> 564
 <212> DNA
 <213> Homo sapien

<400> 1060
 ctggccacag agcccagcaa gtccttcctg ggagagaaga gttagggctg atactgaagg 60
 tctctttcac atctgggcac acgtctgcct tcaggctgta agaatttcat ttgtcgattg 120
 tttaaataaaa ccaggagaaa gcaatgcagg tctctgggaa tctcatccct tccataagga 180
 aaatgctctg ccaattcaag ttctattcag tcaggaagac agaaggattt aaggcttcgg 240
 tgacaattat aatcctctga gaaattatct ccccttaaag tcaagataag ataatagtgt 300
 ttactgtact ttctcttgac tcttgaaatc cctgggtattg ggtgtaggca acttgcacct 360
 gcaatgaagt ccgcaggaga ggaagggtct tctctccccg aaagctatcc caggtcacat 420
 gcgtggcgaa tgcccactga acctcggctc tcatggaagc aggaaagaca ccgagattca 480
 agccttctag taggttgagg acgtctgtgt catggcatct tcggagattt tggtagtggc 540
 aggggtggat gcttgcaaaa tact 564

<210> 1061
 <211> 267
 <212> DNA
 <213> Homo sapien

<400> 1061
 cctatggagg tgccatgat gtcattgagct ctaagcacct ttgtggtgat accaactatg 60
 cctggcccac cgcagagatt gcggtcatgg gagcaaaggg cgctgtggag atcatcttca 120
 aagggcatga gaatgtggaa gctgctcagg cagagtacat cgagaagttt gccaacctt 180
 tccctgcagc agtgcgaggg tttgtggatg acatcatcca accttcttcc acacgtgccc 240
 gaatctgctg tgacctggat gtcttgg 267

<210> 1062
 <211> 603
 <212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 1062

ctggatcatct	tgtcatgtga	agaccatctt	cctacagagt	ctaggctggc	cgtcgttgaa	60
gtcctcacca	gtactacacc	acttttcctc	accaaccccc	atcctattct	tgagttgcag	120
gatacacttg	ctctctggaa	gtgtgtcctt	acccttctgc	agagtgagga	gcaagctggt	180
agagatgcag	ccacggaaac	cgtgacaact	gccatgtcac	aagaaaatac	ctgccagtca	240
acagagtttg	ccttctgcc	ggtggatgcc	tccatcgctc	tggccctggc	cctggccgctc	300
ctgtgtgatc	tgctccagca	gtgggaccag	ttggcccttg	gactgcccac	cctgctggga	360
tggctgttgg	gagagagtga	tgacctcgctg	gcctgtgtgg	agagcatgca	tcaggtggaa	420
gaagactacc	tgtttgaaaa	agcagaagtc	aacttttggg	ccgagaccct	gatctttgtg	480
aaatacctct	gcaagcacct	cttctgtctc	ctctcaaaag	tccggctggc	gtncccaag	540
ccctgagatg	ctctgtcacc	ttcaaaggat	ggtgtcagag	cagtgccacc	tnctgtctca	600
ggt						603

<210> 1063

<211> 222

<212> DNA

<213> Homo sapien

<400> 1063

ccatcggtga	tactgagat	gcagtggcgg	tccccgtagc	tggcccggtg	catgccaccc	60
tggagatgg	tgaagggcaa	cccctgccta	gtggtcagcc	ggaggattct	ggtaatcgct	120
ttgcaaggaa	agggaccgta	aggcacgagg	ctgcggaggg	gctctggttg	ctgggcttcg	180
ctggacacgg	gccactggca	gtagctgccg	tcagagtgc	ag		222

<210> 1064

<211> 72

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(72)

<223> n = A,T,C or G

<400> 1064

gatgatcaat	atnnactgga	acacatgcat	gcttttggaa	tgtataatta	cctgcactgt	60
gattcatggt	at					72

<210> 1065

<211> 251

<212> DNA

<213> Homo sapien

<400> 1065

gtggccgtga	tggatagcga	caccacaggc	aagctgggct	ttgaggaatt	caagtacttg	60
tggacaaca	tcaaaagggtg	gcaggccata	tacaaacagt	tcgacactga	ccgatcaggg	120
accatttgca	gtagtgaact	cccagggtgcc	tttgaggcag	cagggttcca	cctgaatgag	180

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catctctata acatgatcat ccgacgctac tcagatgaaa gtgggaacat ggattttgac 240
aacttcatca g 251

<210> 1066
<211> 289
<212> DNA
<213> Homo sapien

<400> 1066
ctggagatga tcctcaacaa gccagggctc aagtacaagc ctgtctgcaa ccaggtggaa 60
tgtcatcctt acttcaacca gagaaaactg ctggatttct gcaagtcaaa agacattgtt 120
ctggttgcct atagtgtctt gggatccac cgagaagaac catgggtgga cccgaactcc 180
ccagtgtctt tggaggacc agtcctttgt gccttggcaa aaaagcacia gcgaacccca 240
gccctgattg ccttgcgcta ccagctacag cgtgggggtg tggtcctgg 289

<210> 1067
<211> 301
<212> DNA
<213> Homo sapien

<400> 1067
ctgtagttga ctgaagtcgc taaacaggac ggatttaagt agaggtgata tgtccagtca 60
ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcagg 120
caaagctctc catgttaata ttcattctgaa tatggataat taggggtggt agcaaaacta 180
tcaactgttaa aatagtggag atttctgtct aggccatcta tggctttcat gtcctccgca 240
gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300
g 301

<210> 1068
<211> 255
<212> DNA
<213> Homo sapien

<400> 1068
ccagcagttc ctctttgcct tatattttgtg gtacgcccgg ccagccttca agatggggtt 60
gtcaattcgg ccacctccag ccaccacacc aaccacagct ctgttggctg aggagataac 120
cttcttggag ccggagggca gcttcacacg ggtcttcttg gtctcagggt tgtgggagat 180
aacggtggca tagttccctg atgcccgggc cagcttgcca cggctctccag gcttctcctc 240
caggcagcac acgat 255

<210> 1069
<211> 77
<212> DNA
<213> Homo sapien

<400> 1069
ctggacaggc tccagcaccg gcccaaacac gccagacct cggcaggcac cacctggttc 60
tcccaccag aaagttc 77

<210> 1070
<211> 163
<212> DNA
<213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 1070
 ctgctgggat gncgtgccaag tttttcagcc ataaggtagc gaaatctagc agaatccaga 60
 ttacatccac ttccaatcac gcggtgtttg ggtaatccac ctagtttnna ggtaacatac 120
 gtaagaatgt ccaactgngtt ggaaacnca attatgatgc aat 163

<210> 1071
 <211> 246
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(246)
 <223> n = A,T,C or G

<400> 1071
 ctgaccggac cggncatgcc cgtccggaac gtctataaga aggagaaagc tcgagtcac 60
 actgaggaag agaagaattt caaagccttc gctagtctcc gtatggcccg tgccaacgcc 120
 cggctcttcg gcatacgggc aaaaagagcc aaggaagccg cagaacagga tgttgaaaag 180
 aaaaaataaa gccctcctgg ggacttggaa tcagtcggca gacaaaaaaa aaaaaaaaaa 240
 aacaaa 246

<210> 1072
 <211> 224
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(224)
 <223> n = A,T,C or G

<400> 1072
 ctgccctgac agagcgctcc ttgatgggca tggactggaa aggatcccag gaatacaaga 60
 aggcagaaaa aaaagtttgg aagatcttta aatctgacag tgaagtggct gggtacatcc 120
 ggcaagcggg tgacttccat cangtaatta ttcgaggtgg aggacatatt ttaccctatg 180
 accagcctct gagagctttt gacatgatta atcgattcat ttat 224

<210> 1073
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 1073
 ctgtagttag ctgaagtcgc taaacaggac ggatttaagt agaggtgata tgtccagtca 60
 ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcagg 120
 caaagctctc catgttaata ttcatctgaa tatggataat taggggtggct agcaaaaacta 180
 tcaactgttaa aatagtggag atttctgtct aggccatcta tggctttcat gtcctctgca 240
 gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300

09849626 050301
 T0E050 92964860

g

301

<210> 1074
 <211> 132
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 1074
 caagcttttt tttttttttt tttttttttt ttcgctcaaa nactttnttt tattantaca 60
 tgggctggna ttgatggnaa gggacaaatg tanttggcaa ccatgggttag catcggatgc 120
 ccatcccaat gg 132

<210> 1075
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 1075
 ctgtagttga ctgaagtcgc taaacaggac ggattttaagt agaggtgata tgtccagtca 60
 ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcagg 120
 caaagctctc catgtttaata ttcactctgaa tatggataat taggggtggct agcaaaacta 180
 tcactgttaa aatagtggag atttctgtct aggccatcta tggctttcat gtcctctgca 240
 gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300
 g 301

<210> 1076
 <211> 436
 <212> DNA
 <213> Homo sapien

<400> 1076
 ctgctgggat gaatgccaa tttttcagcc ataaggtagc gaaatctagc agaatccaga 60
 ttacatccac ttccaatcac gcggtgtttg ggtaatccac ctagttttcca ggtaacatac 120
 gtaagaatgt ccaactgggtt ggaaaccaca attatgatgc aatcaggact gtacttgacg 180
 atctgaggaa taatgaattt gaagacatta acatttctct gcaccagatt gagccgactc 240
 tccccttctt gctgacggac tcctgcagtt actactaaa tcttagaatt ggcggtcaca 300
 gaataatctt tatctgccac aatttttaggt gtctgaagaa ataagctccc atgctgcaga 360
 tccatcattt ctcctttaag cttatcttcc aaaacatcca caagagcaag ttcacagacc 420
 agagactttc ccagaa 436

<210> 1077
 <211> 256
 <212> DNA
 <213> Homo sapien

<400> 1077
 ctgaagatta ataggaaaca gtgaaaaagc aacgtcctgt gatcagtaac tttaaagaca 60
 agcttggttc tctctttctg gcactactga cattcccacc attctagctt ccgaattctg 120
 gaaaaagaga agatgattaa caaaaataga gaatgtagaa acttctgggt ttgtgcctac 180

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aggattggca ccagaccctc agtgctcact tgctccatct acaaggcagc acccctccca 240
gaggcagcca gggagg 256

<210> 1078
<211> 202
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(202)
<223> n = A,T,C or G

<400> 1078
ctgtgctncn caaccagatc catgtnaagt gccccgcca gagaagggag ccagggggag 60
ctgactncag ncaacancca gtgnccggat gancaccaac atgtgagggg tgaaccttgg 120
cctccangac atntgcaccc cctncccacc tccacggacc tcggacctcc aggcgggtca 180
gtgctgcctg cggcccagct aa 202

<210> 1079
<211> 170
<212> DNA
<213> Homo sapien

<400> 1079
gcgcttctcg ggcaccgtca ggcttaagtc cactccccgc cctaagttct ctgtgtgtgt 60
cctgggggac cagcagcact gtgacgaggc taaggccgtg gatatcccc acatggacat 120
cgaggcgctg aaaaaactca acaagaataa aaaactggtc aagaagctgg 170

<210> 1080
<211> 494
<212> DNA
<213> Homo sapien

<400> 1080
cctgcggcaa agagatgcgc ttattgagaa acatggctta gttataatcc ccgatggcac 60
tcccaatggg gatgtcagtc atgaaccagt ggctggagcc atcactgttg tgtctcagga 120
agctgctcag gtcttggagt cagcaggaga agggccatta gatgtaaggc tacgaaaact 180
tgctggagag aaggaagaac tactgtcaca gattagaaaa ctgaagcttc agttagagga 240
ggaacgacag aaatgctcca ggaatgatgg cacagtgggt gacctggcag gactgcagaa 300
tggctcagac ttgcagttca tcgaaatgca gagagatgcc aatagacaaa ttagcgaata 360
caaatttaag ctttcaaaaag cagaacagga tataactacc ttggagcaaa gtattagccg 420
gcttgaggga caggttctga gatataaaac tgctgctgag aatgctgagg aaagttgaag 480
atgaattgaa agca 494

<210> 1081
<211> 123
<212> DNA
<213> Homo sapien

<400> 1081
ctgctgctat taagttgcaa gctctacagc tagctacatg actgatggat cagtttgaga 60
tttgttccct tgtcaaaagt ttaactctga tagaagggtg gcctcacatt ctgatgtttg 120
gac 123

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<210> 1082
 <211> 297
 <212> DNA
 <213> Homo sapien

<400> 1082
 cctgcacttg aacatggctt tggttttaag caacttctct accctgaccc tctctctggg 60
 acagcgtttc gggaggtttc ttggcctcac tgagagggat gtggagctgc tgtaccccgt 120
 caaggagaag gtattctaca gcctgatgag ggagagcggc tacatgcaca tccagtgcac 180
 caagcctgac accgtaggct ctgctctgaa tgactctcct gtgggtctgg ctgcctatat 240
 tctagagaag ttttcacact ggaccaatac ggaattccga tacctggagg atggagg 297

<210> 1083
 <211> 452
 <212> DNA
 <213> Homo sapien

<400> 1083
 ctgggccacg aggacaccac cagcttggat cggcctcgcc gtgtggaata cttttagat 60
 aagcaactcc aagtaaaggc tgtcacctgt gggccgtgga acacctacgt gtatgctgtg 120
 gagaaaggga agagctgaca tgtgtacgta tatgtatatg caacacctgt gagaccccca 180
 ttcaggtcaa ggaaaacat tgctgcacc ccaagggcc catatttgcc cctccccatc 240
 acagtctgc ccttcaccct caagcacggt cctaaacttg tctgcacttt agaaacacct 300
 ggagagcatt gaaaactctg ctgcctaagg tcagcatcaa tcaaaacaat gaaatcaatg 360
 aaacaatgaa accagagctt ctagggtgtg ggcctggata gtggtagatt caaagctcca 420
 cccacctcat cccaggtaca tttgatgtgc ag 452

<210> 1084
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 1084
 ctgtagttga ctgaagtcgc taaacaggac ggattttaagt agaggtgata tgtccagtca 60
 ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcggt 120
 caaagctctc catgttaata ttcactctgaa tatggataat taggggtggct agcaaaaacta 180
 tcaactgttaa aatagtggag atttctgtct aggccatcta tggctttcat gtcctctgca 240
 gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300
 g 301

<210> 1085
 <211> 369
 <212> DNA
 <213> Homo sapien

<400> 1085
 ctgtttccca tggggccacca ggcggctcag gacagcaaac gtctcatccc ctctcaggat 60
 gtacttctcc atgtcttgct cgatccactg gtacatgagg cccttcacat gcacgtctcg 120
 gatggcgctc gtcacgtcct tgtagagatg tgcttggtca aactccaggc tgtggcccag 180
 aaagtagtcc accacacagg acagcagagc catctccggt agcgagaaga tgtccatgaa 240
 ctgcttaatg gagggaccct tgccatagaa gccactcatc tggatatagtg ggatgtgctg 300
 ggtaccccca tacagctcaa tcacctctc gtctggcaca ggctggaggc ccctgtaggc 360
 tgtccccag 369

<210> 1086
 <211> 316
 <212> DNA
 <213> Homo sapien

<400> 1086
 cctcagaggt ttctccacag tcctcttctg ggcaaattct tgtttcttca catgccggac 60
 tagcttaaga ccaatgcagt agcttatttc caagccttgc aaagtatata atatctaaga 120
 ggaaagggttt tgtcatccca gcgttgtcca ctttgtgggg ctttgtaggt agacggagcc 180
 aactacacag cagggatga gcagaggat gtatggagt tgggtgactc tgagcctcac 240
 tgccgctgca aggtggggaa actgtaagt aaccctgtg ggtgcggggg aggttatccg 300
 gtgcgcaggg aggtgg 316

<210> 1087
 <211> 329
 <212> DNA
 <213> Homo sapien

<400> 1087
 cctgcagggg atgggacctt ccagaagtgg gcgtctgtgg tggcgcttc tggacaggag 60
 cagagataca cctgccatgt gcagcatgag ggtctgcca agccctcac cctgagatgg 120
 gagccgtctt cccagccac catcccatc gtggcatca ttgctggcct ggttctcttt 180
 ggagctgtga tcgctggagc tgtggtcgct gctgtgatgt ggaggaggaa gagctcagat 240
 agaaaaggag ggagctactc tcaggctgca agcagtgaca gtgcccaggg ctctgatatg 300
 tctccacag cttgtaaagt gtgagacag 329

<210> 1088
 <211> 342
 <212> DNA
 <213> Homo sapien

<400> 1088
 ccactcactg ctgggaccca ggcacctccc ttctccatcc tctctggatt gtcagtaatg 60
 tcctggaaca gaagcctgtg ggatggcctt gggcacggag aagccctggg gtcagtgtcg 120
 tgcacggatg gcggcagtgt tgaacccagg aggtgaacc cggcccacca cggaagatga 180
 gtgcatggca accgcctgcc ttacgtcgc tccacttggg aacccaagg tctgggctgt 240
 tctaggtatt gcttcacgtg cccagcaag cccttaacaa gagggcctgg ttccctgaag 300
 aaccaatccc aggaaggggc cttgatccct ccgccttgct ga 342

<210> 1089
 <211> 51
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(51)
 <223> n = A,T,C or G

<400> 1089
 ccttggttc agtctcncg ctcttcttgc cactgttgag ggtggagatg t 51

<210> 1090

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<211> 515
 <212> DNA
 <213> Homo sapien

<400> 1090

cctggggagg	ccctagggga	gcaccgtgat	ggagaggaca	gagcaggggc	tccagcacct	60
tctttctgga	ctggcgttca	cctccctgct	cagtgccttg	gctccacggg	caggggtcag	120
agcactccct	aatttatgtg	ctatataaat	acgtcagatg	tacatagaga	tctatTTTTT	180
ctaaaacatt	cccctcccca	ctcctctccc	acagagtgtc	ggactgttcc	aggccctcca	240
gtgggctgat	gctgggaccc	ttaggatggg	gctcccagct	cctttctcct	gtgaatggag	300
gcagagacct	ccaataaagt	gccttctggg	ctttttctaa	cctttgtctt	agctacctgt	360
gtactgaaat	ttgggccttt	ggatcgaata	tgggtcaagag	gttggagggg	aggaaaatga	420
aggtctacca	ggctgagggt	gagggcaaag	gctgacgaag	agggaaagtt	acagatttcc	480
tgtagcaggt	gtgggcttac	agacacatgg	actgg			515

<210> 1091
 <211> 277
 <212> DNA
 <213> Homo sapien

<400> 1091

gcgtcccga	gccacgggtg	gtcatggctg	ccagagcgct	ctgcatgctg	gggctggctc	60
tggccttgct	gtcctccagc	tctgtgagg	agtacgtggg	cctgtctgca	aaccagtgtg	120
ccgtgccagc	caaggacagg	gtggactgcg	gctaccccca	tgtcaccccc	aaggagtgca	180
acaaccgggg	ctgctgcttt	gactccagga	tccctggagt	gccttgggtg	ttcaagcccc	240
tgcaggaagc	agaatgcacc	ttctgaggca	cctccag			277

<210> 1092
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 1092

cctgggcccc	ctgacttcag	ggtgaggcca	cagctactgc	agcgcttttt	atttatttat	60
ttatttactg	agatggagtc	ttgctctgtc	accaggctg	gagtgcagtg	gtgcaatctc	120
ggctcactgc	aacctctgcc	tcttgggctg	cagtgattct	cctgcgttca	agtaattctc	180
ctgcctcggc	cttctgagta	gttgggatta	caggcatatg	ccaccacact	tggctaattt	240
tttgtatttt	tagtagaaat	ggggtttcac	catgttggcg	aggctggtct	cgaactcctg	300
acctcaagga	tcctcctgcc	tcggcctcct	aagggtgctg	gattgcaggt	gtgagccacc	360
acgtctgg						368

<210> 1093
 <211> 459
 <212> DNA
 <213> Homo sapien

<400> 1093

ctgtgcatgg	agccatttgg	atggcgggcg	gcgggggggg	attctctgta	tcaggagtga	60
ctttgttgcc	ccacacagcc	tcctgctgca	ggtgctttgg	aaagagatgc	tgcttggag	120
ctgggtgaatc	tgtggaccac	attcaagggt	gtggcacagg	catcttccca	tccttttcac	180
tccgaatcgc	tggcgacaca	ttctcctttc	cagctaggaa	agggttcctc	gcggctgggt	240
tagattgtgg	ttgtttgttt	tgcttctact	aagactgttt	tgtttcaaaa	aggaaacaag	300
ttttgtgttt	gctgtctacg	ctggagtcct	gaactgtggg	tagaaaacac	gacctggctt	360
tgtagaaagg	acacagggct	gttttatgaa	ctaagcgggtg	aggctcaggt	ggcggctctc	420

459

<211> 610

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (610)$

<223> n = A, T, C or G

<400> 1094

ccatgcaaaa	ggaggtggtg	cactcagtg	agtcgctgcc	acaaaaagtc	cgattatttt	60
cattggtaca	ggggaacata	tagatgactt	tgaacctttc	aaaacacagc	cttttatttag	120
caaaacttctt	ggtatggg	acattgaagg	actgatagat	aaagtcaacg	agttgaagtt	180
ggatgacaat	gaagcactta	tagagaagtt	gaaacatggt	cagtttacgt	tgcgagacat	240
gtatgagcaa	tttcaaaata	tcatgaaaat	gggcccttc	agtcagatct	tggggatgat	300
ccctggtttt	gggacagatt	ttatgagcaa	aggaaatgaa	caggagtcaa	tggcaaggct	360
aaagaaatta	atgacaataa	tggatagtat	gaatgatcaa	gaactagaca	gtacgggatgg	420
tgccaaagtt	tttagtaa	aaccaggaag	aatccaaaga	gtagcaagag	gatcgggtgt	480
atcaacaaga	gatgttcgag	aacttttgac	acaatatacc	aagtttgac	agatggtaaa	540
aaagatggga	ggtatcaaag	gacttttcaa	agggtggcg	catgtctaan	aatgtgagcc	600
agtcacagat						610

<210> 1095

 $\langle 211 \rangle$ 232

<212> DNA

<213> Homo sapien

<400> 1095

ccttattttct	cttgtcccttt	cgtacagggga	ggaattttgaa	gtagatagaaa	accgacctgg	60
attactccgg	totgaactca	gatcacgtag	gactttaatc	gttgaacaaa	cgaaccttta	120
atagcggctg	caccatcggg	atgtcctgat	ccaacatcga	ggtcgtaaac	cctattgttg	180
atatggactc	tagaatagga	ttgcgctgtt	atccctaggg	taacttgttc	cq	232

<210> 1096

<211> 377

<212> DNA

<213> Homo sapien

<400> 1096

ccacgctcat	ggaaccacc	caaggacagc	cagagtcac	attccctggc	aagctgggtg	60
tattcttcca	aaagtttccc	accagtggt	tcagacaggt	gtagcgtctc	tgcagggtcc	120
cgtgcaatga	agtcaaagtc	ctcaggcagg	aaagccaggc	aggcaccag	tctggcagcc	180
tctcgaacca	gccagcaca	tgttttaag	ttctgttgct	tgtctggcgt	cgatgttacc	240
tggcacacag	ccaccagggg	cagttcgcag	gaggaagagg	agatagccat	ggctctgggc	300
ctgggctgag	cacaaagtac	tgagagttga	ggtatccgga	gtccaggaca	cagaaggac	360
aggaatctgt	gaggagg					377

<210> 1097

$\langle 211 \rangle$ 311

<212> DNA

<213> Homo sapien

<400> 1097
ccacgccatg gggctggagc actcccaaga ccctggggcc ctgatggcac ccatttacac 60
ctacaccaag aacttcgctc tgtcccagga tgacatcaag ggcattcagg agctctatgg 120
ggcctctcct gacattgacc ttggcaccgg cccaccccc acactggggc ctgtcactcc 180
tgagatctgc aaacaggaca ttgtatttga tggcatcgct cagatccgtg gtgagatctt 240
cttcttcaag gaccggttca tttggcggac tgtgacgcca cgtgacaagc ccatggggcc 300
cctgctggtg g 311

<210> 1098
<211> 404
<212> DNA
<213> Homo sapien

<400> 1098
ccacccacgc ttaggttccc atcacactga tgactccggg tttggcgagc acaggagcgc 60
aaaccttttc acattctttc tgtgatccaa atttgtttcc gtttccacca caacctccat 120
accagaatct tgcacagctt ttggtgtttg gatcatagta ccattttaat atgaaatccc 180
tgcaagttcc ttcgtctttc ggcaacttgc atatatctgt ttcagtgaga gccaatgggt 240
ctgtgctcac cattagattg atggttgaac tagaagctga ccttgctggc tgtggagggt 300
ggggctgaga tttctttgta ctgaaacttc cgtggtaggt ggctctgacc tgagacctca 360
ggtagcagac cacagccaca tggtatgtct gcccagcgag cagg 404

<210> 1099
<211> 442
<212> DNA
<213> Homo sapien

<400> 1099
ccatgggatg gctcttctga ccattggggg ccaggccagg ccaggccagg cttagggtag 60
caaggaccag gccaaagggg cagggcctcc tttggagggg ttgaggggta catcctcggc 120
tggtgtttgc atccaggggt ccagcaggat ctcttcaggt gagggtcggg aagaaggttt 180
gggggccagg caccggcgga ttagggcaca gcagtctggg gagacatggg ctgggaagtg 240
gagctcagct tccagaatct cctgggtccct ctcaaaggga atgtccccac acaccatgtc 300
atagaggagg atgccagtg accagacagt ggccgggagt gcatgggtact ggtgtcgaga 360
gatccactct ggggggctgt acacccttgt cccatcaaag tcagtgtagg gttcatcatg 420
aagcagggca ccaggaacca aa 442

<210> 1100
<211> 191
<212> DNA
<213> Homo sapien

<400> 1100
ccacgaaaat caatgagaag ccacaggtga tcgcggacta tgagagcgga cgggccatac 60
ccaataacca ggtgcttggc aaaatcgagc gggccattgg cctcaagctc cggggaaagg 120
acattggaaa gcccatcgag aaggggccta gggcgaaatg aacacaaagc ctcgaaatca 180
gtgcgctcca g 191

<210> 1101
<211> 178
<212> DNA
<213> Homo sapien

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<400> 1101
 cgggtacttt ggtggacatg aaggaactgg gcatatggga gccattggct gtgaagctgc 60
 agacttataa gacagcagtg gagacggcag ttctgctact gcgaattgat gacatcgttt 120
 caggccacaa aaagaaaggc gatgaccaga gccggcaagg cggggctcct gatgctgg 178

<210> 1102
 <211> 209
 <212> DNA
 <213> Homo sapien

<400> 1102
 agccaggcta gtgacagaaa tggattcgaa atatcagtgt gtgaagctga atgatgggtca 60
 cttcatgcct gtccctgggat ttggcaccta tgcgcctgca gaggttccta aaagtaaagc 120
 tttagaggcc accaaattgg caattgaagc tggcttcgcg catattgatt ctgctcattt 180
 atacaataat gaggagcagg ttggactgg 209

<210> 1103
 <211> 396
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 1103
 ctatagggct cgagggccgc ccgggcaggt ggtgcctcta atactgggtga tgctagaggt 60
 gatgtttttg gtaaacaggc ggggtaagat ttgccgagtt ctttttactt tttttaacct 120
 ttccttatga gcatgcctgt gttgggttga cagtgggggt aataatgact tgttggttga 180
 ttgtagatat tgggctgtta attgtcagtt cagcgtttta atctgacgca ggcttatgca 240
 gaggagaatg ttttcatggt acttatacta acattagttc ttctataggg tgatagattg 300
 gtccaattgg gtgtgaggag ttcagttata tgtttgggat tttttaggta ntgggtgttg 360
 agcttgaacg ctttcttaat tggtggtctgc tttagg 396

<210> 1104
 <211> 342
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 1104
 ctgctgatac ccaggcagta gctgatgctg tcacctacca gctcggtttc cacagcattg 60
 aactgaatga gcctccactg gtccacacag cagccagcct ctttaaggag atgtgttacc 120
 gataccggga agacctgatg gcgggaatca tcatcgagg ctgggaccct caagaaggag 180
 ggcagggtgta ctcagtgcct atggggggta tgatggtaag gcantncttt gccattggag 240
 gctccgggag ctctacatc tatggctatg ttgatgctac ctaccgggaa ggcataacca 300
 angaagagtg tctgcaattc actgccaatg ctctcgcttt gg 342

<210> 1105

<211> 551
 <212> DNA
 <213> Homo sapien

<400> 1105
 ctggggccac tgtcggcatc atgattggag tgctgggttg ggttgctctg atatagcagc 60
 cctgggtgtag tttcttcatt tcaggaagac tgacagttgt tttgcttctt ccttaaagca 120
 tttgcaacag ctacagtcta aaattgcttc tttaccaagg atatttacgg aaaagactct 180
 gaccagagat cgagaccatc ctagccaaca tcgtgaaacc ccatctctac taaaaatata 240
 gaaattagct ggacatgggt gcatgtgcct gtaatcccag ctactcagga ggctgaggca 300
 ggagaactgc ttgaacaggg acccgggagg cggagattgg agtgagccga gatcgcgcca 360
 ctgcactcca gtctgggcta cacagtgaga ctctgtctca agaaaaataa acagaagaat 420
 tgggggttg gggtgggaaa cagtgtttcc aggcagagag aacagcacgt acaaaggaga 480
 ctgttgggag ggtaaataa aataattcat gtaaggtagt tagtaccaca catgaatttc 540
 acaagcagca g 551

<210> 1106
 <211> 280
 <212> DNA
 <213> Homo sapien

<400> 1106
 ctgctcttca cacagggttc tggggaaaac aaggaagaga tcatcaatta tgaatttgac 60
 accaaggacc tgggtgtgctt gggcctgagc agcatcgttg gcgtctggta cctgtgagg 120
 aagcactgga ttgccaacaa cttttttggc ctggccttct cccttaatgg agtagggctc 180
 ctgcaccta acaatgtcag cactggctgc atcctgctgg gcggactctt catctacgat 240
 gtcttctggg tatttggcac caatgtgatg gtgacagtgg 280

<210> 1107
 <211> 570
 <212> DNA
 <213> Homo sapien

<400> 1107
 ctgattagt tctaaggaat ggtccaatac tgttgccctt ttccttgact attacactgc 60
 ctggaggata gcagagaagc ctgtctgtac ttcattcaaa aagccaaaat agagagtata 120
 cagtcctaga gaattcctct atttggtcag atctcataga tgacccccag gtattgtctt 180
 ttgacatcca gcagtccaag gtattgagac atattactgg aagtaagaaa tattactata 240
 attgagaact acagctttta agattgtact tttatcttaa aagggtggta gttttcccta 300
 aaatacttat tatgtaaggg tcattagaca aatgtcttga agtagacatg gaatttatga 360
 atggttcttt atcatttctc ttcccccttt ttggcctcct ggcttgctc cagttttagg 420
 tccttttagtt tgcttctgta agcaacggga acacctgctg agggggctct ttccctcatg 480
 tatacttcaa gtaagatcaa gaatcttttg tgaaattata gaaatttact atgtaaattgc 540
 ttgatggaat tttttcctgc tagtgtagct 570

<210> 1108
 <211> 386
 <212> DNA
 <213> Homo sapien

<400> 1108
 ctgttctctgc ggtgacactg tataaacacg atgaccctgc cttgacttta gttgctggtc 60
 ttacatcaaa taagcccaca gacaaactcc gtgccctgcc tctgtgggta tctttacaat 120
 acttgggact tgatgggttt gtggagagga tcaagcatgc ctgtcaactg agtcaacggt 180

tgcaggaaag tttgaagaaa gtgaattaca tcaaaatcct ggtggaagat gagctcagct 240
 cccagtggt ggtgttcaga tttttccagg aattaccagg ctccagatccg gtgttttaaag 300
 ccgtcccagt gcccaacatg acaccttcag gaggcggccg ggagaggcac tcgtgtgacg 360
 cgctgaatcg ctggctggga gaacag 386

<210> 1109
 <211> 409
 <212> DNA
 <213> Homo sapien

<400> 1109
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 tcaccgaaa gcctggtgtc tacacgaaag tctgcaaata tgtggactgg atccaggaga 120
 cgatgaagaa caattagact ggacccaccc accacagccc atcaccctcc atttccactt 180
 ggtgtttggt tcctgttcac tctgttaata agaaacccta agccaagacc ctctacgaac 240
 attctttggg cctcctggac tacaggagat gctgtcactt aataatcaac ctgggggttcg 300
 aatcagtgga gacctggatt caaattctgc cttgaaatat tgtgactctg ggaatgacaa 360
 cacctggttt gttctctggt gtatccccag ccccaaagac agctcctgg 409

<210> 1110
 <211> 215
 <212> DNA
 <213> Homo sapien

<400> 1110
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 aatggagggg gttgaggagg tcccaggagg ggcttatttg agggcctttg ccacttgctc 120
 ataggcgagc tcgatctcct catcatctgg acagggtgaa gcgaattctt cccgggcgta 180
 ggcattgctc aagtaccgat gcaactcccc gaagg 215

<210> 1111
 <211> 308
 <212> DNA
 <213> Homo sapien

<400> 1111
 cctgggcccg ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
 ttatttactg agatggagtc ttgctctgtc acccaggctg gagtgcagtg gtgcaatctc 120
 ggctcactgc aacctctgcc tcctgggctg cagtgattct cctgcgttca agtaattctc 180
 ctgcctcggc cttctgagta gttgggatta caggcatatg ccaccacact tggctaattt 240
 tttgtatttt tagtagaaat ggggtttcac catgttggcg aggctggtct cgaactcctg 300
 acctcaag 308

<210> 1112
 <211> 177
 <212> DNA
 <213> Homo sapien

<400> 1112
 ccactggctc cctgggccag ggccctcggg ccgcttctgtg gatggcctac accggcaaat 60
 acttcgacaa ggccagctac cgagtctatt gcttgcctgg agacggggag ctgtcagagg 120
 gctctgtatg ggaggccatg gccttcgcca gcatctataa gctggacaac cttgtggtg 177

<210> 1113

<211> 646
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(646)
 <223> n = A,T,C or G

<400> 1113
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 gctgacctgc accgtctctg ggttttcact cagtaataatt agagtgggtg tgagttggat 180
 ccgtcagccc ccagggaagg ccctggagtg gtttgcatac attttttcga ctgacgaaaa 240
 atccttcaat tcatctctga agaacaggct caccatctcc aaggacacct ctaaaagcca 300
 ggtggtcctt agcatgacca acatggaccc tgtggacaca gccacatatt actgtgcacg 360
 gctctctatt tacttcgggg agttagaaac ctaccaatac atggacgtct ggggcaaagg 420
 gaccaccgcc accgtctcct cagcatcccc gaccagcccc aaggtcttcc cgctgagcct 480
 ctgcagcacc cagccagatg ggaacgtggt catcgccctg ctggtccang gcttcttccc 540
 ccaggagcca ctcagtgtga cctggagcga aagcggacan ggcgtgaccg ccagaaactt 600
 cccacccag ccaggatgcc tncgggggacc tgtacaccac gagcag 646

<210> 1114
 <211> 420
 <212> DNA
 <213> Homo sapien

<400> 1114
 tgttggttta ctcacctaac cottagaaaa tgaatgttag aaggtgcctg ccgaggcggg 60
 acagagtgtt cgctcgcgct ggagaaggct ctgctcagcc ctgagagtcc ctctctgccc 120
 caccgatact ggcactttaa aaaggaagct gaccgcacag tgtccagacg aattggcccc 180
 cagaagatgg ggagtctctg cctgcccctt tgtgtctgctg tgacctcacc cagcctagga 240
 gggaggtgca ttcagggtag atttgcctct cattcaaagt tctggggctt tgggtggaaa 300
 acagccagct ttggcgctgt tggggagact cctccagacc aggaacccca gaaggagaca 360
 gagcctgcca catcctccca cgccaggccc tgggccaggg tgattggact gagaatttgg 420

<210> 1115
 <211> 416
 <212> DNA
 <213> Homo sapien

<400> 1115
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 tacactcagg gagcatgagt tgccatattg ggtgagaaaa tcccatgtta cagtgcgatac 120
 gctgggcacg ttttgagta attccagcca ctgctatgta agtggtttta attcaggggt 180
 gtcttctacg ttttcatctt ctgaatatct tgtgacggtg caggtttgag caaaactggc 240
 atgaaatgag agctgtttta gatgaagatt gcaagatgga tggcttggcc cacagtggca 300
 gtgggttggg ggtggaatgt ggacaattag gaaaaaggca tgtcattcta tctggctcct 360
 ggagaggcag atagtctctg gggctttggt gtcacagttc caaaagcaa gggttg 416

<210> 1116
 <211> 382
 <212> DNA
 <213> Homo sapien

0594956-0594956

<400> 1116

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attactccgg	tctgaactca	gatcacgtag	gactttaatc	gttgaacaaa	cgaaccttta	120
atagcggtcg	caccatcggg	atgtcctgat	ccaacatcga	ggtcgtaaac	cctattgttg	180
atatggactc	tagaatagga	ttgcgctggt	atccctaggg	taacttggtc	cggtgggtcaa	240
gttattggat	caattgagta	tagtagttcg	ctttgactgg	tgaagtotta	gcatgtactg	300
ctcggagggt	gggttctgct	ccgagggtcg	cccaaccgaa	aatttttaat	gcaggcttgg	360
tagtttagga	cctgtggggt	tg				382

<210> 1117

<211> 370

<212> DNA

<213> Homo sapien

<400> 1117

ctgcgtgtct	gaaaacaaaa	gatttaaaac	atagtaatta	ttgaacctca	gaagaaaaac	60
tcagattgaa	agagcttaga	ataagaccct	ttttgagttg	agaaagggtga	gtacttagat	120
ttttcatttg	ctttgtttgg	gattacttac	atcagtattt	tatgttgatc	agaaagaaaag	180
gattcaatta	gctattgttc	ggttaataaa	aatgtcagcc	actgtaggag	taagttggat	240
gtccagcctt	tttagattgc	ttaacttggg	aacactggac	tgggagcggg	ggctcatgcc	300
tgtgatccca	gcactctggg	aggccaaggc	aggcagatca	ctggagggtca	ggagtttgag	360
accaacctgg						370

<210> 1118

<211> 494

<212> DNA

<213> Homo sapien

<400> 1118

ctgtctctta	cttttaacca	gtgaaattga	cctgcccgtg	aagaggcggg	cataacacag	60
caagacgaga	agaccctatg	gagctttaat	ttattaatgc	aaacagtacc	tgacaaaccc	120
acaggtccta	aactaccaga	cctgcattaa	aaatttcggg	tggggcgacc	tcggagcaga	180
acccaacctc	cgagcagtag	atgctaagac	ttcaccagtc	aaagcgaact	actatactca	240
attgatccaa	taacttgacc	aacggaacaa	gttaccctag	ggataacagc	gcaatcctat	300
tctagagtcc	atatcaacaa	taggggtttac	gacctcgatg	ttggatcagg	acatcccgat	360
ggtgcagccg	ctattaaagg	ttcgtttggt	caacgattaa	agtcctacgt	gatctgagtt	420
cagaccggag	taatccaggt	cggtttctat	ctaacttcaa	ttcctccctg	tacgaaagga	480
caagagaaat	aagg					494

<210> 1119

<211> 407

<212> DNA

<213> Homo sapien

<400> 1119

ccttatgact	acaacggccc	acgagaaaaa	tatggaatcg	ttgattacat	gatcgagcag	60
tccgggcctc	cctccaagga	gattctgacc	ctgaagcagg	tccaggagtt	cctgaaggat	120
ggagagcatg	tcatcatcat	cggggtcttt	aagggggaga	gtgaccagc	ctaccagcaa	180
taccagatg	ccgctaacaa	cctgagagaa	gattacaaat	ttcaccacac	tttcagcaca	240
gaaatagcaa	agttcttgaa	agtctcccag	gggcagtcgg	ttgtaatgca	gcctgagaaa	300
ttccagtcca	agtatgagcc	ccggagccac	atgatggacg	tccagggctc	caccaggagc	360
tcggccatca	aggacttcgt	gctgaagtac	gccctgcccc	tggttg		407

T0E050 92964860

<210> 1120
 <211> 548
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 1120
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 aggtccatt ggaccaccag ggcctcgagg taacagaggt gaaagaggat ctgagggctc 120
 cccaggccac ccaggggcaac caggccctcc tggacctcct ggtgcccctg gtccttgctg 180
 tgggtggtgtt ggagccgctg ccattgctgg gattggaggt gaaaaagctg gcgggttttgc 240
 cccgtattat ggagatgaac caatggattt caaatcaac accgatgaga ttatggcttc 300
 actcaagtct gttaattggac aaatagaaag cctcattagt cctgatggtt ctcgtaaaaa 360
 cccagctaga aactgcagag acctgaaatt ctgccatcct gaactcaaga gtggagaata 420
 ctgggttgac cctaaccaag gatgcaaatt ggatgctatc aagggtattct gtaatatgga 480
 aactggggaa acatgcataa gtgccaatcc ttngaattgt ccacggaaac actggtggac 540
 agattcta 548

<210> 1121
 <211> 278
 <212> DNA
 <213> Homo sapien

<400> 1121
 cggccgaggt ccgccatggc gtgtgctcgc cactgatata cgggtgtactc cgaaaagggg 60
 gagtcatctg gcaaaaatgt cactttgcct gctgtattca aggtcctat tcgaccagat 120
 attgtgaact ttgtttacac caacttgctc aaaaacaaca gacagcccta tgctgtcagt 180
 gaattagcag gtcacagac tagtgctgag tcttggggta ctggcagagc tgtggctcga 240
 attcccagag ttcgaggtgg tgggactcac cgctctgg 278

<210> 1122
 <211> 591
 <212> DNA
 <213> Homo sapien

<400> 1122
 ctgcagcggc agaggcagca tccagcggcg ggcagcagcag ttccagtcctg ttgctttact 60
 ttttgcttca ccgacatagt cattatgccg aagagaaagt ctccagagaa tacagagggc 120
 aaagatggat ccaaagtaac taacacaggag cccacaagac ggtctgccag attgtcagcg 180
 aaacctgctc caccaaaacc tgaacccaaa ccaagaaaaa catctgctaa gaaagaaact 240
 ggagcaaaga ttagcagagg tgctaaaggg aagaaggagg aaaagcagga agctggaaaag 300
 gaaggcacag aaaactgaat ctgtagataa cgaggagagaa tgaattgtca tgaaaaattg 360
 gggttgattt tatgtatctc ttgggacaac ttttaaaagc tatttttacc aagtattttg 420
 taaatgctaa ttttttagga ctctactagt tggcatacga aaatatataa ggatggacat 480
 tttatcgtct catagtcatg ctttttggaa atttacctca tcctcaagta aaataaatat 540
 cagttaaata ttggaagctg tgtgtaagat tgattcagca ttccatgcac t 591

<210> 1123
 <211> 454
 <212> DNA

<213> Homo sapien

<400> 1123

ccaattgaaa	caaacagttc	tgagaccggt	cttcactac	tgattaagag	tggggtggca	60
ggtattagg	ataatattca	tttagccttc	tgagctttct	gggcagactt	ggtgaccttg	120
ccagctccag	cagccttctt	gtccactgct	ttgatgacac	ccaccgcaac	tgtctgtctc	180
atatcacgaa	cagcaaagcg	acccaaaggt	ggatagtctg	agaagctctc	aacacacatg	240
ggcttgccag	gaaccatata	aacaatggca	gcatcaccag	acttcaagaa	tttagggcca	300
tcttccagct	ttttaccaga	acggcgatca	atcttttctt	tcagctcagc	aaacttgcac	360
gcaatgtgag	ccgtgtggca	atccaatata	ggggcatagc	cggcgcttat	ttggcctgga	420
tggttcagga	taatcacctg	agcagtgaag	ccag			454

<210> 1124

<211> 219

<212> DNA

<213> Homo sapien

<400> 1124

cctgtctcag	agcacggctg	accattttctg	ctccgggata	tcagctcccg	ttccccaagc	60
acactcctag	ctgctccagt	ctcagcctgg	gcagcttccc	cctgcctttt	gcacgtttgc	120
atccccagca	tttcttgagt	tataaggcca	caggagtggg	tagctgtttt	cacctaaagg	180
aaaagcccac	ccgaatcttg	tagaaatatt	caaactaat			219

<210> 1125

<211> 246

<212> DNA

<213> Homo sapien

<400> 1125

ccagagctgg	gccaagctg	cgctggaatc	gcagcaggag	aggggagtgg	gctggttctt	60
cccaccactt	cccaggtctt	gacagccgag	actcatttcc	aaggcacagc	agctttctaa	120
agggactgag	tttgactgg	gttttggaac	tccaggggct	ggagcttcat	cacctgggca	180
gtgtcttttc	tcagagagca	ggtttcttta	tagtttgga	ataaatgggt	cacggttcaa	240
aagaaa						246

<210> 1126

<211> 227

<212> DNA

<213> Homo sapien

<400> 1126

ccattgttcc	cgtgcatcga	agcttgcagg	cagcttcagg	tcctcggtaa	acataactct	60
ctggggtggc	ttgggcccac	ccaggaaggt	accacatagc	ctcttcaagt	agctcatgtc	120
cacgtttag	aagttgtggc	cggcctgcc	cgtggtattc	cgtttggtga	catagttgac	180
cagctcatcc	gacaggggat	ggaaagaggg	cctgctccgg	gcattgg		227

<210> 1127

<211> 377

<212> DNA

<213> Homo sapien

<400> 1127

cctgccgtcg	atgccaggga	ggccgacagg	accttctttt	ccagcggggc	cgatatttcc	60
aggggaacca	ggaagacctc	tgggtcccat	gagaccaggc	tcccaggggc	gaccagcatc	120

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<210> 1128
<211> 253
<212> DNA
<213> Homo sapien
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<210> 1129
<211> 314
<212> DNA
<213> Homo sapien
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<210> 1130
<211> 239
<212> DNA
<213> Homo sapien
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<210> 1131
<211> 402
<212> DNA
<213> Homo sapien
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<400>	1131						
aaggagtcct	gcttatcaca	atgaatgttc	tcttgggcag	cgttgtgatc	tttgccacct		60
tcgtgacttt	atgcaatgca	tcatgctatt	tcatacctaa	tgaggaggatt	ccaggagatt		120
caaccaggaa	atgcatggat	ctcaaaggaa	acaaacaccc	aataaaactcg	gagtggcaga		180
ctgacaactg	tgagacatgc	acttgctacg	aaacagaaat	ttcatgttgc	acccttgttt		240
ctacacctgt	gggttatgac	aaagacaact	gccaaagaat	cttcaagaag	gaggactgca		300
agtatatcgt	ggtggagaag	aaggacccaa	aaaagacctg	ttctgtcagt	gaatqqataa		360

tctaattgtgc ttctagtagg cacagggctc ccaggccagg ac

402

<210> 1132

<211> 304

<212> DNA

<213> Homo sapien

<400> 1132

ccaccccgga	gatgacacga	ggctcacatg	actctagaca	cttggtggaa	agtgaggcga	60
gaaaaacaat	gacttgggcc	aattacacga	ctgcaaagct	agagctgcca	acagggtcc	120
agggagcttg	gcttctgtag	aagttctaag	gaagcggtag	gaactccacg	gcggtggggc	180
gctaactagc	agggaccctt	gcaagtgttg	gtcgggggcc	tcgagctgcc	tgagctgaca	240
cgaggggagg	ggtctgtgta	gccaacaggt	gaccgaagg	cttgctgcc	cacagcttac	300
ttgg						304

<210> 1133

<211> 224

<212> DNA

<213> Homo sapien

<400> 1133

ctgacatttt	ctatagtaga	tatggaggag	gtccaagact	aactgtgaaa	gccctgtgta	60
aggaatgtgt	agtagaacgt	tgctgcatat	tgctgtgaa	gaaccaacta	aatgaagatt	120
ataaaactgt	taataatctg	ctgaaagcag	cagtaaagg	cagcgatgga	ttttgggtgg	180
ggaagtcctc	cttgcgagg	tggcgccagc	tagctcttga	acag		224

<210> 1134

<211> 250

<212> DNA

<213> Homo sapien

<400> 1134

cctactctgc	tgagggtggc	cttctgtcta	agggcccttc	tctgcccttt	ctgccctcct	60
tcccatccca	catgctgagc	cgccacaaa	accaaagaag	tgatggcttt	tctctgtccc	120
ctgctgtctc	gaggggagag	gggtgggtct	cctgagccac	tcagatggga	aagtcctta	180
ctcgccctc	ccctccccag	cagccccaag	ctttacactg	gatgcagcga	tcaaccacc	240
actcaccag						250

<210> 1135

<211> 315

<212> DNA

<213> Homo sapien

<400> 1135

ccaatgggct	ttgctgtagc	ttgctgaaat	caccaagcag	gagagattta	accagaggcg	60
atgtgtccag	tcaccagcat	agagccatcc	tctgtgtcac	catccacacg	cagggccttc	120
tgtagacct	catgcaatgc	cctccatgtt	aatattcatc	agaaaatgga	taattagggg	180
ggccagcaaa	aatatcaagg	gtcaaatac	gcacatttct	gtttaggcca	tctatggctt	240
tcatctcctc	tgaagtcaac	tggaattcaa	acacctgcac	gttccgtctg	atgcgctgct	300
cattgtagct	cttgg					315

<210> 1136

<211> 377

<212> DNA

05049626.050301

<213> Homo sapien

<400> 1136

cctgccgtcg	atgccaggga	ggcgcacagg	accttctttt	ccagcggggc	cgatattttcc	60
aggggaacca	ggaagacctc	tgggtcccat	gagaccaggc	tcccagggc	gaccagcatc	120
tccattaggt	cctcggactc	cagcagggcc	acttgcacca	cgactaccag	gagggcccat	180
gacgccagct	ctgccatcag	ctccaggaag	accacgagaa	ccaggactac	ctctcagccc	240
aggaggtcct	ggagggcccg	cagatccagc	ttccccatta	gggcctctct	ttccttcttc	300
accactggga	ccaggaggac	cttggggccc	agcagagccg	ggctcaccct	tgttaccgct	360
ctctcctttg	gagccag					377

<210> 1137

<211> 250

<212> DNA

<213> Homo sapien

<400> 1137

ctgttcaact	tccaactcta	aataggcacc	attaaacaaa	aaaccccagt	atttttaaatt	60
tctccagcac	acattccagg	atcaatgctc	tgaactgtaa	tcagctagta	attcataacg	120
ggaatacagc	cttagaatgg	aagctatatt	gcttccctgc	cccctttctc	ttacaattgg	180
agagtgtagg	tattaaggga	tacaaagtca	gaggaagaat	aattaaaaag	aaaaatgccc	240
aaagctgcag						250

<210> 1138

<211> 511

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(511)

<223> n = A,T,C or G

<400> 1138

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cggtcctaaa	ggaaatgatg	gtgctcctgg	taagaatgga	gaacgagggtg	gccctggagg	120
acctggccct	cagggtcctc	ctggaaagaa	tgggtgaaact	ggacctcagg	gacccccagg	180
gcctactggg	cctgggtggtg	acaaaggaga	cacaggaccc	cctgggtccac	aaggattaca	240
aggcttgctc	ggtacagggtg	gtcctccagg	agaaaatgga	aaacctgggg	aaccagggtcc	300
aaaggggtgat	gccggtgcac	ctggagctcc	aggaggcaag	ggtgatgctg	gtgcccctgg	360
tgaacgtgga	cctcctggat	tggcaggggc	cccaggactt	agaggtggag	ctgggtcccc	420
tggtcccga	ngaggaaaag	gtgctgctgg	tcctcctggg	ccacctgggtg	ctgctggtac	480
tcctgggtctg	caaggaatgc	ctggagaaaag	a			511

<210> 1139

<211> 505

<212> DNA

<213> Homo sapien

<400> 1139

ctgtggactc	cagcatgttt	ctgataatta	tgcaagcaac	aattctgtag	cctcaagtaa	60
gaccacctgt	gaacttgatc	attatctggc	ccaaatatga	agataaacta	taactttgga	120
gtttgtttcc	tatttgtatt	cacattctgc	ttcctaaatc	agttttctaa	attgtgcctg	180
caattaggca	ttggtcaggg	gtgaatggct	cttttcacag	agagtagcca	accagagacc	240

09845626-050301

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tttgctttga tatcatcaac tgcagagaat gctgttgatg ggaatgctgg aagcagaaac 300
tttgtcatcg gaaaaacttt tcttgatgc atgagactca acatcaggat ccacagctta 360
aagatgggaa ttcaggatg aaagaaaaca ggcaaggagg cactgaggga gaaagacaca 420
gactttatcg ctctgtggct cattgttact ggaatattct aaaactcttg ttcacatgct 480
attatgactt ataaagcagc aacag 505

```

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<210> 1140
<211> 256
<212> DNA
<213> Homo sapien

```

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<400> 1140
ctgtagcttc tgtgggactt ccactgctcg ggcgtcaggc tcaggtagct gctggccgcg 60
tacttggtgt tgctctgttt ggagggtttg gtggtctcca ctcccgctt gacggggctg 120
ccatctgcct tccaggccac tgtcacagct cccgggtaga agtcaactgat cagacacact 180
agtgtggcct tgttggttg gagctcctca gaggagggcg ggaacagagt gacagtgggg 240
ttggccttgg gctgac 256

```

```

<210> 1141
<211> 371
<212> DNA
<213> Homo sapien

```

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<400> 1141
ccagggcccc attctgtctg tgggactgtg ggttctcagt ggaattgttg cttttcttgt 60
cgtggagaaa tttgtgagac atgtgaaagg aggacatggt cacagtcagtg gacatggaca 120
cgctcacagt catgcacgtg gaagtcacgtg acatggaaga caagagcgtt ctaccaagga 180
gaagcagagc tcagaggaag aagaaaagga aacaagaggg gttcagaaga ggcgaggagg 240
gagcacagta cccaaagatg ggccagtgag acctcagaac gctgaagaag aaaaaagagg 300
cttagacctg cgtgtgtcgg ggtacctgaa tctgggtgct gacttggcac acaacttcac 360
tgatggtctg g 371

```

```

<210> 1142
<211> 312
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

```

```

<400> 1142
cctccacac tgtcaaagt caactccacc agcactgaga caatgagtag atgagaatgt 60
agaaagaggg aaggtggtag gtaaaggagc ggaaggaaga ggtgggaaa gaggggaagg 120
ggtaggtaaa ggagcggaaag gaagaggtgg ggaaagaggg aaggagagaa gggaaaggagg 180
gaagagaaag aaggaagaaa aggaaagcat ggcccggcta gagacaaagc cagaggtgat 240
caggtcagca gcaggagagg ctcaagaagg agcctctcgg gaagtgcagg cngccatgag 300
ggctcgtttc ag 312

```

```

<210> 1143
<211> 367
<212> DNA
<213> Homo sapien

```

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<400> 1143
 ccagacgtgg tggctcacac ctgcaatccc agcaccttag gaggccgagg caggaggatc 60
 cttgaggtca ggagttcgag accagcctcg ccaacatggt gaaaccccat ttctactaaa 120
 atacaaaaaa ttagccaagt gtggtggcat atgcctgtaa tcccaactac tcagaaggcc 180
 gaggcaggag aattacttga acgcaggaga atcactgcag cccaggaggc agaggttgca 240
 gtgagccgag attgcaccac tgcactccag cctgggtgac tgagcaagac tccatctcag 300
 taaataaata aataaataaa aagcgctgca gtagctgtgg cctcaccctg aagtcagcgg 360
 gccagg 367

<210> 1144
 <211> 159
 <212> DNA
 <213> Homo sapien

<400> 1144
 cctggaggag cggccgcaca cacagccagg cgctaggctc cctgcgggac ctcgggaagg 60
 gggaagagcg tcaacgattt acggagggtc cagccgctgg gtcagattga gacaaacat 120
 tgtgtggttg ggttcgggtc agcaggctgg agagggttc 159

<210> 1145
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 1145
 ccatgggtgt ctggagcacc ctgaaactgt atcaaagttg tacatatttc caaacatttt 60
 taaaatgaaa aggcaactct gtgttctcct cactctgtgc actttgctgt tgggtgtgaca 120
 aggcatttaa agatgtttct ggcattttct ttttatttgt aagggtggtg taactatggt 180
 tattggctag aaatcctgag ttttcaactg tatatatcta tagtttgtaa aaagaacaaa 240
 acaaccgaga caaacccctg atgctccttg ctcggcggtg aggctgtggg gaagatgcct 300
 tttgggagag gctgtagctc agggcggtgca ctgtgaggct ggacctgttg actctgcagg 360
 gggcatccat ttagcttcag gttgtcttgt ttctgtatat agtgacatag cattctgctg 420
 ccatcttagc tgtggacaaa ggggggtcag 450

<210> 1146
 <211> 324
 <212> DNA
 <213> Homo sapien

<400> 1146
 ccatacaggg ctgttgccca ggccctagag gtcattcctc gtaccctgat ccagaactgt 60
 ggggccagca ccatccgtct acttacctcc cttcgggccca agcacaccca ggagaactgt 120
 gagacctggg gtgtaaattg tgagacgggt actttggtgg acatgaagga actgggcata 180
 tgggagccat tggctgtgaa gctgcagact tataagacag cagtggagac ggcagttctg 240
 ctactgcgaa ttgatgacat cgtttcaggc cacaaaaaga aaggcgatga ccagagccgg 300
 caaggcgggg ctctctgatgc tgga 324

<210> 1147
 <211> 191
 <212> DNA
 <213> Homo sapien

<400> 1147

09049626-050301

ccacgaaaaat caatgagaag ccacaggtga tcgcggacta tgagagcgga cgggccatac 60
 ccaataacca ggtgcttggc aaaatcgagc gggccattgg cctcaagctc cggggaaagg 120
 acattggaaa gcccatcgag aaggggccta gggcgaaatg aacacaaagc ctcgaaatca 180
 gtgtgctcca g 191

<210> 1148
 <211> 344
 <212> DNA
 <213> Homo sapien

<400> 1148
 ctgtccaatg acaacaggac cctcactcta ctcagtgtca caaggaatga tgtaggaccc 60
 tatgagtgtg gaatccagaa cgaattaagt gttgaccaca gcgacccagt catcctgaat 120
 gtcctctatg gccagacga ccccaccatt tccccctcat acacctatta ccgtccaggg 180
 gtgaacctca gcctctcctg ccatgcagcc tctaaccacac ctgcacagta ttcttggtg 240
 attgatggga acatccagca acacacacaa gagctcttta tctccaacat cactgagaag 300
 aacagcggac tctatacctg ccaggccaat aactcagcca gtgg 344

<210> 1149
 <211> 329
 <212> DNA
 <213> Homo sapien

<400> 1149
 ctgacccact cactgggcgg gggcacaggc tctggaatgg gcactctcct tatcagcaag 60
 atccgagaag aataccctga tcgcatcatg aataccttca gtgtgggtgcc ttcacccaaa 120
 gtgtctgaca ccgtggtcga gccctacaat gccaccctct ccgtccatca gttggtagag 180
 aatactgatg agacctattg cattgacaac gaggccctct atgatattctg cttccgact 240
 ctgaagctga ccacaccaac ctacggggat ctgaaccacc ttgtctcagc caccatgagt 300
 ggtgtcacca cctgcctccg tttccctgg 329

<210> 1150
 <211> 406
 <212> DNA
 <213> Homo sapien

<400> 1150
 ccagttatatt gcaagtggta agagcctatt taccataaat aatactaaga accaactcaa 60
 gtcaaaccctt aatgccattg ttattgtgaa ttaggattaa gtagtaattt tcagaattca 120
 cattaacttg attttaaaat cagttttgtg agtcatttac cacaagctaa atgtgtacac 180
 tatgataaaa acaaccattg tattcctggt tttctaaaca gtcctaattt ctaaacactgt 240
 atatatcctt cgacatcaat gaactttggt ttcttttact ccagtaataa agtaggcaca 300
 gatctgtcca caacaaactt gccctctcat gccttgctc tcaccatgct ctgctccagg 360
 tcagccccct tttggcctgt ttgttttgtc aaaaacctaa tctgct 406

<210> 1151
 <211> 346
 <212> DNA
 <213> Homo sapien

<400> 1151
 ctgcgtgagt accaggagct gatgaacgtc aagctggccc tggacatcga gatcgccacc 60
 tacaggaagc tgctggaggg cgaggagagc cggctggagt ctgggatgca gaacatgagt 120
 attcatacga agaccaccag cggctatgca ggtggtctga gctcggccta tgggggcctc 180


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<400> 1155
cctccctctc agagcttgcc ccagggactc tctggccctc agggttcaat gtattctgac      60
caaggccaag ctttctctggg gctcagggaa aatcacactt tgctacccga agctgtatcc     120
```

```

cctcagatgc caggaaggcc gtgatcatct gactccaccc tcctgagaca cattctctcc 180
ctgactgtcc tgttctaagt cagcggagca ccttaggatg gaggggtgga ggcgaggcca 240
gatgcagcct ctgtgaacag gtgcctggag gctgggaaat gaccctgaga ggcgaggaca 300
cagcaaccgt gggcttaagg tgaccttgag agcaagcttg gccacttta caattctgtt 360
cagagccagc ccctaacatg gtggtcattt attcatttgt tccctcattt taaaaaatgt 420
aaggccaggc atggtggctc acgccgggta atcccagcac tttgggaggc cgaggcaggc 480
agatcacctg a 491

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<210> 1156
<211> 586
<212> DNA
<213> Homo sapien

```

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<400> 1156
agcaaataga agcaatcagg gcactgcaag ttgtgactac tccaagatgt gaatcatgga 60
tcatgcaaat tacaatcatg ttttaacctg acctccaaag ggagaataaa gtaaaaaatta 120
tcccatgtga ggattattca ccagtttata tgtcattagt taccagtttt tctttatgaa 180
taatgtttag caatattata aagtatatct aatagttatc aggttttttg cttgttactt 240
tttggtagta acttataaaa ctgactggaa aagaccaata aggcactgtt tgcattgttac 300
aaattatata caaagaccaa aagctgttaa taagaaatct tccaataaaa ccacatcata 360
ttttcttttt tatttacacc cacatcagga ttacaacttt atcaggactg caccttgatc 420
aggaagggat gtttctctta caaggctaata aagaaaggaa caataaattt gctgatgaaa 480
aaagtcatgc atttaaaaaa ttttaacttta atttttaatt gagggcaata ttttaaagaa 540
atgctcatta gtcattcctt taaattgtgt gtgtgagaga gagaaa 586

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<210> 1157
<211> 392
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

```

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<400> 1157
cctccggctg gtgttctgag ggttgccagg ccatcgtgga cacaggcacc tctctgctca 60
ctgtgcccc a gcagtacatg agtgctcttc tgcaggccac aggggccag gaggatgagt 120
atggacagtt tctcgtgaac tgtaacagca ttcagaatct gccagcttg accttcatca 180
tcaatgggtg ggagttccct ctgccacctt cctcctatat cctcagtaac aacggctact 240
gcaccgtggg agtcgagccc acctacctgt cctcccagaa cggccagccc ctgtggatcc 300
tcggggatgt cttcctcagg tctactatt cctctacga cttgggcaac aacagagtag 360
gctttgccac tgnccgctag acttgctgnc tc 392

```

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<210> 1158
<211> 375
<212> DNA
<213> Homo sapien

```

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<400> 1158
gggaaaaata attttattcc tcaaatgata agcacattca gaagcaggac agaggagctc 60
tgatgacatc tctgggggac tcaaagcggc cctcattttc tggatatttc ccaggtgatt 120
ctcttccaac ctgtgagtc tctctctttt cctcccatct gaagtttgag acatcctctg 180
ccacaaggaa agccaccaat accagcccaa agagccacca gagaggaacc aaaccacatg 240

```

catcaagtta taggaaggat gcaagaaggg aaattaggaa ggaaagggag gagtttagtt 300
 ggcattcttg ggcattgctaa catgagggcg atgggtctctc tccaagtcgc tggacatatc 360
 ccttttcttt ccagg 375

<210> 1159
 <211> 361
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 1159
 gtttattgta aaaaacaaaa aactctgtat tgtgcacatg aagacctgga gatgtgccga 60
 cttcctgtcc ccaaagccaa tcttccccgc caaggcgact gaggatttca agggctcaga 120
 gttactgcag gaatccaggt gacaccagga agagaagggg gaggagggga atcggagggg 180
 atgggtttta aaggcagagg ggagggagat ggaaggggat gaggaggagg gagactgagg 240
 gggctgcctt tccttgggga ctggggaact catgccctgc cccacccgc agggctccag 300
 gggtagagaga aaggggtgga gaataaagaa ttgggcanca gggtagtggg gggaacagca 360
 g 361

<210> 1160
 <211> 142
 <212> DNA
 <213> Homo sapien

<400> 1160
 cgcaatgttg ccagtgtctg tctgcaggtt ggctacccaa ctgttgcatc agtaccccat 60
 tctatcatca acgggtacaa acgagtcctg gccttgtctg tggagacgga ttacaccttc 120
 ccacttgctg aaaaggtcaa gg 142

<210> 1161
 <211> 193
 <212> DNA
 <213> Homo sapien

<400> 1161
 ccaaagccta cgaccacctc ttcaagttgc tgctgatcgg ggactcgggg gtgggcaaga 60
 cttgtctgat cattcgcttt gcagaggaca acttcaacaa cacttacatc tccaccatcg 120
 gaattgattt caagatccgc actgtggata tagaggggaa gaagatcaaa ctacaagtct 180
 gggacacggc tgg 193

<210> 1162
 <211> 265
 <212> DNA
 <213> Homo sapien

<400> 1162
 cctgggtgcc acgattccca gcctggagcg cagccaggac gtgggagacc ttctcagaga 60
 ctctccgggc acactctatg agctccttct tgggtgtaggc atcactgggg ctgcactgca 120
 gggcgctgc cttggtgacc agagcggcac agccatggcc cagctcctgt acccggtgtt 180
 tgatatggga acctatctct tcatttttcag cagccaccgc tgcaggcttg gcctccgagg 240

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ccagacggcc atagtcactg gtcag

265

<210> 1163

<211> 337

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 1163

ctgcagagtg	ggganaggct	tttgccacta	gaaacttcca	ggatgcacga	gatcaaggaa	60
ttaagtctgt	aacaaaataa	caggatgctc	tgtgaagtcc	aaagaattgc	ttgaggcaaa	120
ctgcagagct	ccatgagatc	agcaacccca	agagctttta	caccgccgga	cacggtttaa	180
taggaaaaaa	atctcctata	ctgnntattc	anaaccaa	gaanagaaat	gtcaaaggag	240
tcggaacaa	tatgtcaaat	tangtaaatt	cctgacctga	cccanatttt	gcngaacatt	300
tgatcctaaa	ctgtgctgtc	cacgtcctta	ggtacac			337

<210> 1164

<211> 368

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(368)

<223> n = A,T,C or G

<400> 1164

ccagacgtg	tggctcacac	ctgcaatccc	agcaccttag	gaggccgagg	caggaggatc	60
cttgaggtca	ggagttcgag	accagcctcg	ccaacatggt	gaaaccccat	ttctactaaa	120
aatacaaaaa	attagccaag	tgtggtggca	tatgcctgta	atcccaacta	ctcagaaggc	180
cgaggcagga	gaattacttg	aacgcaggag	aatcactgca	nccangagg	canaggttgc	240
antgagccga	gattgcacca	ctgcaactcca	gcctgggtga	cagagcaaga	ctccatctca	300
gtaaataaat	aaataaataa	aaagcgctgc	agtagotgtg	gcctcacctc	gaagtcagcg	360
ggcccag						368

<210> 1165

<211> 267

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(267)

<223> n = A,T,C or G

<400> 1165

ctgggaagga	ggctcctccg	ccttctcctg	tttgtcatcc	tcctcatcag	actcgacctc	60
catctcaact	tcctcactct	ccccaaactt	ttcatagcgc	tcctgaatga	ggattcgggc	120
cccagctcc	tctggcgtgg	tggggggagg	gaagttccct	tgctcattgg	gttgggaagn	180
cactgtttcc	accaccacaa	aatcatgcca	ntcnatctga	gcataggcca	cccgnctcct	240

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ctccttctcc nntttcttct tcttct

267

<210> 1166

<211> 433

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(433)

<223> n = A,T,C or G

<400> 1166

ctgtctgtac	acttttttctt	gggggaagag	ttcttgtctt	cagtttactg	cagtaggggt	60
cctggctctg	ttacatgctc	atgtgttccg	gaagaacaca	tgaaatatca	tcccacggat	120
gacgatacag	cccctgcttc	ancctcttct	gatcaagata	gtgtccaatg	aaccccatac	180
tccttcccag	cacaaagatg	ccattgaggg	ctccaatgtc	aatatattca	tcagcttctt	240
ccctgcaaca	cacatcaact	tgtagtttta	aaaggctcac	gtgactgccc	tcctccccac	300
agacagtact	actactgccc	aanaatgaga	agaaaagggg	tgctctgggt	ggtngcatta	360
caggcaattt	ttgttntctt	nnttatacct	ctccttattt	tncaaatntt	ctattatgag	420
tntgcattac	ttt					433

<210> 1167

<211> 362

<212> DNA

<213> Homo sapien

<400> 1167

cctctggctc	tttcttcagc	cacttctcca	gtcctgcag	gttctggctt	gagtagtcag	60
tgacgacgat	ctccttaaag	gattcacaag	cagagaggag	ctgatagata	gtggggccag	120
agccgatgtc	aatcagcagg	tctcccttca	caccgtctag	gcagaatatc	ttgaaaagat	180
ttttcagaag	gtgcttaaga	atctggcttt	ctgcagagtg	cctagaacca	aacttgtaat	240
atttttctag	gtaatcccga	gggttaaaat	ggcttagata	ggtgtccttg	gaggtgaagc	300
ctgattccat	tatgtctcac	ttccgtacca	ctggagcact	gccctccttc	tctttcctcc	360
ag						362

<210> 1168

<211> 459

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 1168

gcagtcatgg	ggcccaggac	catgccactg	gccctgctcc	cccagccgca	gcctcacctg	60
caggtgctcc	tcgatgtcct	tgcggtcgta	ggtgatgcca	ctgggcgtga	tgacgggtc	120
ccgcatcagc	tcaaagctga	tcttgccaca	caggtagtcg	gggatgtctc	gcttctgtgg	180
cacaggggca	cacggtcaga	ggctgaaaag	gggcactgca	cgagcacctg	ccagccatcg	240
gcagcaagcg	acacacactc	accttctctt	tctcatccac	ctgagaaaaa	agctcgtcca	300
tgtccgccat	gtacttgtcc	tgtgaagagt	tgagtgtctg	gcttggggga	gacaccccac	360
ctccctcctn	catggggcac	anacccaaca	caaggcgggg	atgctnccac	gccacgtgca	420

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cacacacaga cccacatgtg ggtggggggc accctcacg

459

<210> 1169

<211> 386

<212> DNA

<213> Homo sapien

<400> 1169

ccaggccacc	tgtgcggggc	tcctcgatgt	ggaagggttcg	ggtgaggaga	ttgtagaagg	60
agccgtagca	cacggccacc	acagtgcacg	tgaggcagat	cacgctgtag	ggcatgctga	120
agtccggtgt	cggcaggttc	accagcagcg	gtcccgtgta	gagccgcaca	aagtagttag	180
agccatcaga	gactgggaac	aggctgttga	agaggggact	ctcttcccag	tccactggct	240
tggctgctac	catgctgggc	acaagggcgc	tgaggacaga	tgggctgaca	tagaagccat	300
ggttaggatc	tggcgtgtac	tcggtccact	tcagcagcgc	ccgctcaaac	tggatggaaa	360
ccttggtgac	tgagttggcc	ggccag				386

<210> 1170

<211> 480

<212> DNA

<213> Homo sapien

<400> 1170

ctatttctct	gttagtggtt	aaccaaccat	ctgtttctaa	agaagggtctg	aactgatgga	60
aggaatgctg	ttagcctgag	actcaggaag	acaacttctg	cagggtcact	ccctggcttc	120
tggaggaaaag	agaaggaggg	cagtgtctca	gtggtacaga	agtgagacat	aatggaatca	180
ggcttcacct	ccaaggacac	ctatctaagc	cattttaacc	ctcgggatta	cctagaaaaa	240
tattacaagt	ttggttctag	gcaactctgca	gaaagccaga	ttcttaagca	ccttctgaaa	300
aatcttttca	agatattctg	cctagacggt	gtgaaggag	acctgctgat	tgacatcggc	360
tctggcccca	ctatctatca	gtcctctct	gcttgtgaat	cctttaagga	gatcgtcgtc	420
actgactact	caggaccaga	acctgcagga	gctggagaag	tggctgaaga	aagagccaga	480

<210> 1171

<211> 317

<212> DNA

<213> Homo sapien

<400> 1171

cctcagcagc	cctgccacgg	atctgcccga	ttcttttcgca	tcaagaagtt	gatcttgcca	60
gccatttcca	tgttgtagat	ccgcccgcac	ctttcatagc	tttccctctg	tcgcccggcg	120
catggcttct	cataataccg	ccgatgctta	atgtcctcaa	tgagcccatc	catagtgagg	180
attctgttta	gggtcctgta	tgcgctttcc	acgttccctt	cctgtacat	cacagtcctg	240
gcgatgaact	tcagatgttt	tgccatgacc	ttggatttaa	accttcactc	tgtagagcct	300
cgcgcgctca	gtaccta					317

<210> 1172

<211> 202

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(202)

<223> n = A,T,C or G

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<400> 1172
 ggcaacggga ggaacagcag cagaggcagc angagcagga ggagcgtgaa cgagaagagc 60
 ancggcgatn ngctgcnctc agtgaccgan agaagagagc tctggctgca naggccgac 120
 tcgctgcccc gttgggagcc cctacctctc caatccctga ctctgcaatc gtcaatactc 180
 gacgctgctg gagttgtggg gc 202

<210> 1173
 <211> 173
 <212> DNA
 <213> Homo sapien

<400> 1173
 ctgcctgggt tgtggccgcc ctagcatcct gtatgcccac agctactgga atccccgctg 60
 ctgctccagg ccaagcttct ggttgattaa tgagggcatg ggggtggctcc tcaagacctt 120
 cccctacctt ttgtggaacc agtgatgcct caaagacagt gtccccctcca cag 173

<210> 1174
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 1174
 ccaagagcta caatgggcag cgcacacagc agaacgtgca ggTTTTTgag ttccagttga 60
 ctgctggagga catgaaagcc atagatggcc tagacagaaa tctccactat tttaacagtg 120
 atagTTTTgc tagccaccct aattatccat attcagatga atattaacat ggagagcttt 180
 gcctgatgtc taccagaagc cctgtgtgtg gatgggtgacg cagaggacgt ctctatgccg 240
 gtgactggac atatcacctc tacttaaate cgtcctgttt agcgacttca gtcaactaca 300
 g 301

<210> 1175
 <211> 537
 <212> DNA
 <213> Homo sapien

<400> 1175
 cctgcagggc tcggccgtag gagaaggtea gggcccaggg cttcagcagg gggcacttgt 60
 taatggcatt gaggttgatg gacgcctcct cctcactctg gcctccagac aggaaggatga 120
 tcccagtgac agcggggggc actgtgcggc gcagcgtgtg gacggtcgcc atggcaatct 180
 cctcatgaga aaacttctga gtgcaagcat ggcctggggg gaccatgttg ggcttcagca 240
 aggtgccttc caggtagatg tgggtggtcac tcagagcctt gtagacagca gccagcacct 300
 tctcggtcac atactggcag cgcttcaagt catgggtccc atcagggagg atctcaggct 360
 ccacgatggg cacaatgcca ttctgctggc agatactggc ataacgggcc agaacattgg 420
 cattttccat gatggcgagg gctgaggggg tgtgttcccc aatcttcagc acacaacgcc 480
 acttggcgaa gtcagctccg tccttcttgt actgggcaca gcgctcagac agcccat 537

<210> 1176
 <211> 384
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

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<400> 1176
 ctgacaaaaa atgtgaaatt tccacaaaaat atccaactta tgtgactaaa cgcagtagtt 60
 tttttaaaag gggagataga aaataaatgg ttttgttggg gtgcatttta gtaagccttt 120
 gcagtaaaat gacggttgta actactaaac caaatttagt tttcacagca tggttttgtt 180
 gttttcccct tgtttttcag aggtaaatgt tgcattatat ccttcagtat ttttaacacta 240
 ttttggcagt ttacacatta ctttttgntt ttccttcctt tttgngaaat gtattaagtt 300
 gtgggttctta ttgaaacagt attatataat gttngcttaa ttatatcatg tgatgctcan 360
 ntctattntg atttattcat tagt 384

<210> 1177
 <211> 562
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(562)
 <223> n = A,T,C or G

<400> 1177
 ccaacaacat gcaggaagct cagagtatcg atgaaatcta caaatacgac aagaaacagc 60
 agcaagaaat cctggcgggc aagccctggg ctaaggatca ccattacttt aagtactgca 120
 aaatctcagc attggctctg ctgaagatgg tgatgcatgc cagatcgga ggcaacttgg 180
 aagtgatggg tctgatgcta ggaaagggtg atggtgaaac catgatcatt atggacagtt 240
 ttgctttgcc tgtggagggc actgaaaccc gagtaaagtc tcaggctgct gcatatgaat 300
 acatggctgc atacatagaa aatgcaaaac aggttggccg ccttgaaaat gcaatcgggt 360
 ggtatcatag ccaccctggc tatggctgct ggctttctgg gattgatgtt agtactcaga 420
 tgctcaatca gcagttccag gaaccatttg tagcagtggg gattgatcca acaagaacaa 480
 tatccgcagg gnaaagtga tcttggcgcc tttaggacat acccaaaggg ctacaaacct 540
 nctgatgaan gaccttctga gt 562

<210> 1178
 <211> 353
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 1178
 cgcgtctgga tggccgaatc attcgcacag actgggacgc aggctttaag gagggcaggc 60
 aatacggcgg tgggcgatct gggggccagg ttcgggatga gtatcggcag gactacnatg 120
 ctgggagagg aggctatgga aaactggcac agaaccagt agtggtgaga gctctgtcag 180
 tgacaaacac tcctttggcc tgttgaattt gctgaagaac atcacctaaa gtctgcacac 240
 gagcccattt ttaccaagat ttgatcagtg tctttactga gctggaagcc tctgaaagtt 300
 attaaaggac agaatccaaa agaatgcctt taattcttgt ctgagaatct tgg 353

<210> 1179
 <211> 288
 <212> DNA
 <213> Homo sapien

<400> 1179
 ccaatgggat cctcaagggtg cctgccatca atgtcaatga ctccgtcacc aagagcaagt 60
 ttgacaacct ctatggctgc cgggagtccc tcatagatgg catcaagcgg gccacagatg 120
 tgatgattgc cggcaaggta gcggtggtag caggctatgg tgatgtgggc aagggtgtg 180
 cccaggccct gcgggggttc ggagcccgcg tcatcatcac cgaggttgac cccatcaacg 240
 cactgcaggc tgccatggag ggctatgagg tgaccacat ggatgagg 288

<210> 1180
 <211> 523
 <212> DNA
 <213> Homo sapien

<400> 1180
 ctggagagat ggagcgggtg gcaccgtcat ccttcctcat cagccacata gaaggacagt 60
 ggcgatttca gccagcttt tctgactgct tgtaaatga agcccagaac tggtttgcca 120
 cctgtgggat cgactcagca ttttaaaata ggaggcagtc gtgagtgcag gtttcttgca 180
 gctccgggtg gccctgggct ccaggtcagg agacctcagc tcctgtccct gatctgtggt 240
 tgtcaagcct tgcagactct aaactcagca tctttatctg tcagacgtag acacgtggct 300
 cccgtggttg gtgcggttg aatagctgag gtaatacacg gacctccaag cactagagca 360
 gtatgaggag ttctgaggaa tggttatcct gcggtgcctg tgggccacag caagccattc 420
 ttatcccatc cggtttactt cccacagcca ctttgtaagc ataggcatta tcctctacct 480
 catcatagaa atgaggaaaa gaatcaccaa gagagtaagc agc 523

<210> 1181
 <211> 493
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 1181
 cacagatgaa ggctttgtga tacctgatga agggggccca caggaggagc aagaagagta 60
 ttaacagcct ggaccagcag agtaacatcg gaattcttca ctccaaatca tgtgcttaac 120
 tgtaaaatac tcccttttgt tatccttaga ggactcactg gtttcttttc ataagcaaaa 180
 agtacctctt cttaaagtgc actttgcgga cgtttcactc cttttccaat aagtttgagt 240
 taggagcttt taccttgtag cagagcagta ttaacaccta gttggttcac ctggaaaaca 300
 gagaggctga ccgtggggct caccatgcgg atgcgggtca cactgaatgc tggagagatg 360
 ttatgtaata tgctgagggtg gcgacctcag tggagaaatg taaagactga attgaatttt 420
 aagctaattgt gaaatcanag aatgttgtaa taagtaaagc ccttaagagt atttaaaana 480
 tgcttccaca ttt 493

<210> 1182
 <211> 329
 <212> DNA
 <213> Homo sapien

<400> 1182
 cgcgtctctg acaactgtgat catgataggg gttcaaacag aaagtgcctg ggccctcctt 60
 ctaagtcttg ttacaaaaaa aaggaaaaag aaaagatctt ctcaattaca aattctggga 120
 agggagacta tacctggctc ttgccctaag tgagaggtct tccctcccgcc accaaaaaat 180

agaaaggctt tctatttcac tggcccaggt agggggaagg agagtaactt tgagtctgtg 240
ggcctcattt cccaggtgcc ttcaatgctc atcaaaacca ggcatgggga aggccctggc 300
aaactgctcc acccgttgcc tgaggttg 329

<210> 1183
<211> 198
<212> DNA
<213> Homo sapien

<400> 1183
cctgacagac agaagggctt ggagattttt tttctttaca attcagtctt cagcaacttg 60
agagctttct tcatgttgtc aagcaacaga gctgtatctg caggttcgta agcatagaga 120
cgatttgaat atcttccagt gatatcggtc ctaactgtca gagatgggtc aacaaacata 180
atcctgggga catactgg 198

<210> 1184
<211> 224
<212> DNA
<213> Homo sapien

<400> 1184
ctggaggtgc ctcagaaggt gcattctgct tcctgcaggg gcttgaaaca ccaaggcact 60
ccagggatcc tggagtcaaa gcagcagccc cggttggtgc actccttggg ggtgacatgg 120
gggtagccgc agtcaccct gtccttggct ggacggcac actgggttgc agacaggccc 180
acgtactcct cagcagagct ggaggacagc aaggccagga ccag 224

<210> 1185
<211> 367
<212> DNA
<213> Homo sapien

<400> 1185
ccttttacag atgtcagctt tctactggcct ccatgcacaa cctcccacta ccacccaatc 60
tgctgccac agcaaagtgc aggcaccctg ggccccctgg aggatgcggg caggggctac 120
agggcatcca ggatgtggtc gatcttggtg accagctcct ggcgctttcc tgagatgagc 180
ttctcattct caatgtacgt gtctttcttg agcttgccag ccaccaggcg ctcagcctcc 240
accgccgact tcagcaccag ctccctgacc tgtgcatcca gcttctgcat ttcgctcact 300
ctgtcgaca gatcagagcc ctctgtcttc agcctggact gcagcagtgc aatctcactg 360
gtcaagg 367

<210> 1186
<211> 188
<212> DNA
<213> Homo sapien

<400> 1186
ccattaagcg gatgctggag atgggagcta tcaagaacct cacgtccttc cgacctgggc 60
aagagctgta gcctgtcggg tgctactct gctgtctggg tgaccccat gcgtggctgt 120
gggggtggct ggtgccagta tgaccactt ggactcacc cctcttgggg agggagtcct 180
gggcctgg 188

<210> 1187
<211> 379
<212> DNA

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<213> Homo sapien

<400> 1187

gttgatgcta	ctctgaagtc	tctcaacaac	cagattgaga	cccttcttac	tcctgaaggc	60
tctagaaaga	gccagctcg	cacatgccgt	gacttgagac	tcagccaccc	agagtggagc	120
agtggttact	actggattga	ccctaaccac	ggatgcacta	tggatgctat	caaagtatac	180
tgtgatttct	ctactggcga	aacctgtatc	cgggccaac	ctgaaaacat	cccagccaag	240
aactgggtata	ggagctccaa	ggacaagaaa	cacgtctggc	taggagaaac	tatcaatgct	300
ggcagccagt	ttgaatataa	tgtagaagga	gtgacttcca	aggaaatggc	taccaactt	360
gccttcacgc	gcctgctgg					379

<210> 1188

<211> 384

<212> DNA

<213> Homo sapien

<400> 1188

cgcgtcggac	tgcagccagt	ccgtttcctt	tctttagcca	gccatcctgg	tactgtagtt	60
taggggttga	tgggtggtga	aattgatttc	tggctgggta	ctaaggtgcc	tgctagccat	120
tgtataaaat	taaaacatga	agaatatatt	ttttttgagc	atggctagt	gatttataaac	180
aacacatacc	tgtcactgct	ggagtcaaac	ttataaaaaag	ccttaagtgg	aaagtgttcc	240
agacggagac	tctgagttaa	tagaggagta	gaagctgggtg	ttaaagtctc	cacgacgcac	300
atggctttgc	cagaaactct	gtttaatgat	cggcctttca	cctcttcact	tatccttagt	360
cccagtagcc	aggatacctg	atgg				384

<210> 1189

<211> 419

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(419)

<223> n = A,T,C or G

<400> 1189

ggaaaaacca	gccactgctt	tacaggacag	gggggtgaag	ctgagccccg	cctcacaccc	60
acccccatgc	actcaaagat	tggattttac	agctacttgc	aattcaaaat	tcagaagaat	120
aaaaaatggg	aacatacaga	actctaaaag	atagacatca	gaaattgttg	agttaagctt	180
tttcaaaaaa	tcagcaattc	cccagcgtag	tcaagggtgg	acactgcacg	ctctggcatg	240
atgggatggc	gaocgggcaa	gctttcttcc	tgcagatgct	ctgctgcttg	agagctattg	300
ctttgttaag	atataaaaaag	gggtttcttt	ttgtctttct	gtaaggtnna	cttccagctt	360
ttgattgaaa	gtcctagggg	gattctattt	ctgctgtgat	ttatctgctg	aaagctcag	419

<210> 1190

<211> 173

<212> DNA

<213> Homo sapien

<400> 1190

ccaggtactg	gcacatcatg	ctctggatgg	gggtgggtgg	gtcctgtagg	cagagaaaca	60
ggaaattgtc	gtagtcagta	tcgagcagcg	tggcctcggt	cgccaccgta	tagttgatct	120
tgaacttctt	tggattctca	gtcttctctc	caaggacctt	cttctcaaca	cag	173

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<210> 1191
 <211> 341
 <212> DNA
 <213> Homo sapien

<400> 1191
 cctcctgccg gcagttcttg aagcttcttt ttcattcctg ctactctacc tgtattttctc 60
 agttgcagca ctgagtggtc aaaatacatt tctggggccac ctcagggaac ccatgcatct 120
 gcctggcatt taggcagcag agcccctgac cgtcccccac agggctctgc ctcacgtcct 180
 catctcattt ggctgtgtaa agaaatggga aaagggaaaa ggagagagca attgaggcag 240
 ttgaccatat tcagttttat ttatttattt ttaatttggt cttttctcca agtccaccag 300
 tctctgaaat tagaacagta ggcggtatga gataatcagg a 341

<210> 1192
 <211> 324
 <212> DNA
 <213> Homo sapien

<400> 1192
 ttggagggtg gcggcgcggg gctgaaggct agcaaaaccga gcgatcatgt cgcacaaaca 60
 aatttactat tcggacaaat acgacgacga ggagtttgag tatcgacatg tcatgctgcc 120
 caaggacata gccaaagctgg tccctaaaac ccatctgatg tctgaatctg aatggaggaa 180
 tcttggcggt cagcagagtc agggatgggt ccattatatg atccatgaac cagaacctca 240
 catcttgctg ttccggcgcc cactacccaa gaaaccaaag aaatgaagct ggcaagctac 300
 ttttcagcct caagctttac acag 324

<210> 1193
 <211> 521
 <212> DNA
 <213> Homo sapien

<400> 1193
 ctgctttggt ttctgttggc agtggaggga caaggtgaga ggagccaggg gtagtcatga 60
 acaccagtgg gttctgccct gggcagctcc ccaccttctt taagagagta ctgtgtctca 120
 gctccagcag tctcaactgg gaagaccag gactcctgct cttttctcta atccctggga 180
 gacgaggtcc agctaaggta gagtaagcag tcagtgaacca ggcaggctgg tttgggaggt 240
 cactgcctgg aggacgggat cttgtattct tcggaagatg gctgggaaat tcttccctcc 300
 attacgtaga actttcttcc cctcctcagt tgaggtgcct agatgtccca caacggggtc 360
 ttcactcagg tcctccagag gcacacgctc aaacagtggg tgctcttcga aatgagtgca 420
 catccagtcg tgtagctcca gcacatcggt tatggtatac accagcccct gcataggcaa 480
 aatcacccta gacaggaggc tgcattgcaac gtcagcagcc a 521

<210> 1194
 <211> 208
 <212> DNA
 <213> Homo sapien

<400> 1194
 ccagtgacta gaaggcgagg cgccgcggga ccatggcggc ggccggcgac gagcggagtc 60
 cagaggacgg agaagacgag ggagaggagg agcagttggt tctggtggaa ttatcaggaa 120
 ttattgattc agacttctc tcaaaatgtg aaaataaatg caaggttttg ggcattgaca 180
 ctgagaggcc cattctgcaa gtggacag 208

<210> 1195

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<211> 499
 <212> DNA
 <213> Homo sapien

<400> 1195
 ccagaaagga aagacaataa ttttggtttt tcattttgaa aaaattaaat gctctctcct 60
 aaagattctt cacctacttt ggtctccata acttctatgt tttctttcct tctgacacac 120
 tagtgcccct aaattgtgat ttgcctatac gtttagggcc ggggttgga gatgttaaca 180
 accatttaag attcatttct gcagtgggag tgggtggagt ttcaccctct gggaaagggg 240
 caggtgacag gtatttatca gtcagtgcct ctctagctct tgtaggaaga agcacacgca 300
 ggatggagtc tagaggatga gcgatattga ctagcaattc atgggctccc tccagcagtg 360
 cgagggtcag agtttctgga gccttgggag gaggcatccc tgtgaggggg ggtagggag 420
 atgggagggc accaggaaaa gtgattagaa gtcaggtatg ggaaggctaa attaggacag 480
 agtcgagtag atctctgct 499

<210> 1196
 <211> 455
 <212> DNA
 <213> Homo sapien

<400> 1196
 ctgacccccc tttgtccaca gctaagatgg cagcagaatg ctatgtcact atatacagaa 60
 acaagacaac ctgaagctaa atggatgccc cctgcagagt caacagggtcc agcctcacag 120
 tgcacgccct gagctacagc ctctcccaaa aggcattctc cccacagcct caacgccgag 180
 caaggagcat caagggtttg tctcggttgt tttgttcttt ttacaaacta tagatatata 240
 cagttgaaaa ctcaggattt ctagccaata accatagtta ccaccacctt acaaataaaa 300
 agaaaatgcc agaaacatct ttaaatgcct tgtcacacca acagcaaagt gcacagagtg 360
 aggagaacac gagagtgcct tttcatttta aaaatgtttg gaaatatgta caacttcgat 420
 acagtttcag ggtgctccag acacccatgg acctg 455

<210> 1197
 <211> 444
 <212> DNA
 <213> Homo sapien

<400> 1197
 cctggatgtg gctcttcgca ctgaaggcca agtagtagat cacaaggccg atcgccgag 60
 ccagcacctc agtggacacc cagggcccggt tccaagtgcc ccgatggtcc acgtgactg 120
 taaacagagg cgggatgatg gaaatgtcct cgttattcct ctgagccttc ctgaggaggc 180
 tgtaggactc ctgctogaag aatctaacct cataggtgcc tgcgtgggag ctcttgtggt 240
 tcaggcttca ggacacctga taacgccccca catcctggcc tcgagtgaaca gggaattgtt 300
 ttccaccgac gtcagcatag agagccatgt tctggaccct gttcttgcac gtcagggaga 360
 tctccacaat gaagacggtc tcagtggaaa tgacagcgtc agaagtgggt tagtaggaag 420
 gggtagatctg gggctccagg cagg 444

<210> 1198
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 1198
 ccattgggtgt ctggagcacc ctgaaactgt atcaaagttg tacatatattc caaacatttt 60
 taaaatgaaa aggcactctc gtgttctcct cactctgtgc actttgctgt tgggtgtgaca 120
 aggcatttaa agatgtttct ggcattttct ttttatttgt aaggtgggtg taactatggt 180

tattggctag	aaatcctgag	ttttcaactg	tatatatcta	tagtttgtaa	aaagaacaaa	240
acaaccgaga	caaacccttg	atgctccttg	ctcggcgttg	aggctgtggg	gaagatgcct	300
tttgggagag	gctgtagctc	agggcggtga	ctgtgaggct	ggacctgttg	actccgcagg	360
gggcatccat	ttagcttcag	gttgtcttgt	ttctgtatat	agtgacatag	cattctgctg	420
ccatcttagc	tgtggacaaa	gggggggtcag				450

<210> 1199

<211> 294

<212> DNA

<213> Homo sapien

<400> 1199

agtcacagtt	gcacctattc	aaaactagct	ttaaagtgag	ctatttttaa	acttcataaa	60
aatattcatg	attttattag	tttgaatatt	tctacaagat	tcgggtgggc	ttttccttta	120
ggtgaaaaca	gctatccact	cctgtggcct	tataactcag	gaaatgctgg	ggatgcaaac	180
gtgcaaaagg	cagggggaag	ctgcccaggc	tgagactgga	gcagctagga	gtgtgcttgg	240
ggaacgggag	ctgagatccc	ggagcagaaa	tggtcagccg	tgctctggag	cagg	294

<210> 1200

<211> 258

<212> DNA

<213> Homo sapien

<400> 1200

agctaccta	gaacagctaa	aagagcacac	ccgtctatgt	agcaaaatag	tggaagatt	60
tataggtaga	ggcgacaaac	ctaccgagcc	tggtgatagc	tggttggtcca	agatagaatc	120
ttagttcaac	tttaaatttg	cccacagaac	cctctaaatc	cccttgtaaa	tttaactgtt	180
agtccaaaga	ggaacagctc	tttggacact	aggaaaaaac	cttgtagaga	gagtaaaaaa	240
tttaacaccc	atagtagg					258

<210> 1201

<211> 403

<212> DNA

<213> Homo sapien

<400> 1201

ctgagctgct	gtctgctttg	gaaaaccggt	cctgccgctg	ccgatggatg	gaaatgcaat	60
ggatttcagc	ttcttatcat	cagccagggc	caagcagttt	ttcactgtct	ttccagaag	120
ttcttcacac	ttgtctgcac	cccaaactgg	actattacag	tggtacacaa	acttggcagg	180
caggccatgg	cctgcgctga	cagcagctcc	agctacttcc	aaggggcccg	tctttttccg	240
gagttccagg	acagcttcca	caaactcctt	gccaccttcc	ttctccagcg	tgtttcctag	300
gtcatcttta	aggtcaatgt	cagcattggg	aggattgatt	atggcctcca	cctcaaagcc	360
ggctaaaatta	ctgattttcac	tgtgaataag	gttcggcttc	tgg		403

<210> 1202

<211> 325

<212> DNA

<213> Homo sapien

<400> 1202

ctgaacctgc	gggagtcggc	caccatcacg	tgcttggtga	cgggcttctc	tcccgcggac	60
gtcttcgtgc	agtggatgca	gagggggcag	cccttgctcc	cggagaagta	tgtgaccagc	120
gccccaatgc	ctgagcccca	ggccccaggc	cggtaacttcg	cccacagcat	cctgaccgtg	180
tccgaagagg	aatggaacac	gggggagacc	tacacctgcg	tggtggccct	tgaggccctg	240

T02050"92964850

cccaacaggg tcaccgagag gaccgtggac aagtcaccg gtaaaccac cctgtacaac 300
gtgtccctgg tcatgtccga cacag 325

<210> 1203
<211> 518
<212> DNA
<213> Homo sapien

<400> 1203
ctcaaccaca gtctgacacc agagcccact tccatcctct ctggtgtgag gcacagcgag 60
ggcagcatct ggaggagctc tgcagcctcc acacctacca cgacctocca gggctgggct 120
caggaaaaaac cagccactgc tttacaggac aggggggttg agctgagccc cgcctcacac 180
ccacccccat gactcaaag attggatttt acagctactt gcaattcaaa attcagaaga 240
ataaaaaaatg ggaacataca gaactctaaa agatagacat cagaaattgt taagttaagc 300
tttttcaaaa aaccagcaat tccccagcgt agtcaagggt ggacactgca cgctctggca 360
tgatgggatg gcgaccgggc aagctttctt cctcgagatg ctctgctgct tgagagctat 420
tgctttgtta agatataaaa aggggtttct ttttgtctt ctgtaagggt gacttccagc 480
ttttgattga aagtcctagg gtgattctat ttctgctg 518

<210> 1204
<211> 352
<212> DNA
<213> Homo sapien

<400> 1204
ggggaaagga ggtctcactg agcaccgtcc cagcatccgg acaccacagc ggcccttcgc 60
tccacgcaga aaaccacact tctcaaacct tcaactcaaca cttccttccc caaagccaga 120
agatgcacaa ggaggaacat gaggtggttg tgetgggggc acccccacgc accatccttc 180
caaggtccac cgtgatcaac atccacagcg agacctcgt gcccgaccat gtcgtctggt 240
ccctgttcaa caccctcttc ttgaactggt gctgtctggg cttcatagca ttgcctact 300
ccgtgaagtc tagggacagg aagatggttg gcgacgtgac cggggcccag ga 352

<210> 1205
<211> 250
<212> DNA
<213> Homo sapien

<400> 1205
ctgttcaact tccaactcta aataggcacc attaaacaaa aaaccccagt atttttaaatt 60
tctccagcac acattccagg atcaatgctc tgaactgtaa tcagctagta attcataacg 120
ggaatacagc cttagaatgg aagctatatt gcttccctgc cccctttctc ttacaattgg 180
agagtgtagg tattaaggga taaaaagtca gaggaagaat aattaaaaag aaaaatgccc 240
aaagctgcag 250

<210> 1206
<211> 275
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

09849626.050301

<213> Homo sapien

<400> 1210

ccactcagct	cagcggggcga	cgtgccccta	caagttggca	gaagtggctg	ccactgctgg	60
gtttgtgtaa	gagaggctgc	tgccaccatt	acctgcagaa	accttctcat	aggggctacg	120
atcggtactg	ctagggggca	catagcggcc	atggatgtgg	taggtggggg	actcgctcat	180
aggatggtag	gtatcccggg	ctggaaagat	gtccag			216

<210> 1211

<211> 443

<212> DNA

<213> Homo sapien

<400> 1211

ccaaggtcag	aggctgatgc	aacaggccct	cttctcccca	gggccaggct	cctgtccagc	60
ctgggcactg	cccagagtga	tggcattggt	ccggatgctg	ttctgtctct	gcttggacac	120
cttcgcaaag	atctctttca	ggacagtctc	aaaggctagc	tcaacattgg	tagagtccag	180
ggctgaggtc	tccaggaaga	gcagtccatt	gttttcagcg	aacattcggg	cctcctcagt	240
gggcacttcc	cgggcctggc	tgaggtcact	tttgttaccc	acgagcatga	cgacgatcgt	300
ggcttcagca	tggtcataga	gtcccttcag	ccatcgctcc	accacagcat	aggtctgggtg	360
cttggttagg	tcaaacacca	ggaggggccc	caqtgcacca	cgatagtacg	ccgaggtgat	420
ggctcggtac	cgctccaggc	cag				443

<210> 1212

<211> 526

<212> DNA

<213> Homo sapien

<400> 1212

actgaaaccc	gagtaaatgc	tcaggctgct	gcatatgaat	acatggctgc	atacatagaa	60
aatgcgaaac	aggttggccg	ccttgaaaat	gcaatcgggt	ggtatcatag	ccaccctggc	120
tatggctgct	ggctttctgg	gattgatgtt	agtactcaga	tgctcaatca	gcagttccag	180
gaaccatttg	tagcagtggg	gattgatcca	acaagaacaa	tatccgcagg	gaaagtgaat	240
cttggcgcct	ttaggacata	cccaaagggc	tacaaacctc	ctgatgaagg	accttctgag	300
taccagacta	ttccacttaa	taaaatagaa	gattttgggtg	tacactgcaa	acaatattat	360
gccttagaag	tctcatatct	caaactctct	ttggatcgca	aattgcttga	gctgttgggtg	420
aataaatact	gggtgaatac	gttgagttct	tctagcttgc	ttactaatgc	agactataacc	480
actggtcagg	tctttgattt	gtctgaaaag	ttagagcagt	cagaag		526

<210> 1213

<211> 359

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(359)

<223> n = A,T,C or G

<400> 1213

ccagccattg	cctgncattt	ggtagtatag	tatgattctc	accattattt	gtcatggagg	60
cagacataca	ccagaaatgg	gggagaaaca	gtacatatct	ttctgtcttt	agtttattgt	120
gtgctggtct	aagcaagctg	agatcatttg	caatggaaaa	cacgtaactt	gtttaaaagt	180
ttttctggta	gcttttagctt	tatgctaaaa	aaaataatga	cattgggtat	ctatttcttt	240

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ctaagactac attantanga aaataagtct tttcatgctt atgatttagc tgttttgtgg 300
taattgcttt ttaaaggaag nnattaatat cataagttat tattaatatatt gtgaacnca 359

<210> 1214
<211> 428
<212> DNA
<213> Homo sapien

<400> 1214
ccaagcttga ggcagcccta ggtgaggcca agaagcaact tcaggatgag atgctgcggc 60
gggtggatgc tgagaacagg ctgcagacca tgaaggagga actggacttc cagaagaaca 120
tctacagtga ggagctgcgt gagaccaagc gccgtcatga gacccgactg gtggagattg 180
acaatgggaa gcagcgtgag tttgagagcc ggctggcgga tgcgctgcag gaactgcggg 240
cccagcatga ggaccagggt gagcagtata agaaggagct ggagaagact tattctgccca 300
agctggacaa tgccaggcag tctgctgaga ggaacagcaa cctgggtgggg gctgcccacg 360
aggagctgca gcagtcgcgc atccgcatcg acagcctctc tgcccagctc agccagctcc 420
agaagcag 428

<210> 1215
<211> 414
<212> DNA
<213> Homo sapien

<400> 1215
ctgaagcact cttcagagac tacgtccaca gacactgatg ctgaggcctt tcttgtaagt 60
gaagaaaaag gaatgcagca aagaagagtt cgacattgga gtccttagtt ccatcaggat 120
cccattcgca gccttttagca tcatgtagaa gcaaactgca cctatggctg agataggtgc 180
aatgacctac aagattttgt gttttctagc tgtccaggaa aagccatctt cagtcttgct 240
gacagtcaaa gagcaagtga aaccatttcc agcctaaact acataaaagc agccgaacca 300
atgattaaag acctctaagg ctccataatc atcattaaat atgcccaaac tcattgtgac 360
tttttatttt atatacagga ttaaaatcaa cattaaatca tcttatttac atgg 414

<210> 1216
<211> 162
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 1216
cctggccgca gggcccccg gtattgctgt tgctacgagg ttggggggca gcgattgtcc 60
tgtgggagcc accgttctcc tgggtcgggg accctcactt cttctggggg gtgctcannt 120
tctgcatgcc ccgatcttg tccagcangc cagaaatgaa gg 162

<210> 1217
<211> 392
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature

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<222> (1)...(392)

<223> n = A,T,C or G

<400> 1217

ctgaagtaga	ggctggaact	gaagctgaga	ctgaggctga	ggctgaaact	ggagctaagg	60
gtgaggctgg	aactggagct	gaggttgagg	ccagaactgg	agctaaagtt	gaggctggaa	120
ccggagctga	ggttgaggct	ggaactggag	ttaaggttgc	tggaagtgga	gctgaggttg	180
aggctggaac	tgaagctgag	gttgaagggtg	gaagtggagc	cgaagctaga	ggtggaactg	240
aggctgaaga	ctgtgcttgc	tggatccctg	tagcctgttt	tttggcaaat	cttggaggaa	300
gcttanaagt	ctggcttctt	cctttttcat	ttgcattctt	tttgttcag	accttaaaaa	360
attaacgggg	accatttttg	tcaataatgc	ag			392

<210> 1218

<211> 526

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 1218

ctgagctttc	agcagataaa	tcacagcaga	aatagaatca	ccctaggact	ttcaatcaaa	60
agctggaagt	ccaccttaca	gaaagacaaa	aagaaacccc	tttttatatc	ttaacaaagc	120
aatagctctc	aagcagcaga	gcatctogag	gaagaaagct	tgcccggctg	ccatcccatc	180
atgccagagc	gtgcagtgtc	cacccttgac	tacgctgggg	aattgctgat	tttttgaaaa	240
agcttaactt	aacaatttct	gatgtctatc	ctttagagtt	ctgtatgttc	ccatttttta	300
ttcttctgaa	ttttgaattg	caagtagctg	taaaatccaa	tctttgagtg	catgggggtg	360
ggtgtgaggc	ggggctcanc	ttcaaccccc	tgtcctgtaa	agcagtggct	ggtttttcct	420
gagcccagcc	ctgggaggtc	gtggtangtg	tggaggctgc	agagctcctn	cagatgctgc	480
cctcgctgtg	cctcacacca	nagaggatgg	aagtgggctc	tggtgt		526

<210> 1219

<211> 382

<212> DNA

<213> Homo sapien

<400> 1219

ctggccggcg	gtgcagatct	ggagtccagc	ctcagggatg	cgctactttc	cattctctgc	60
attgaacatt	cgttctgtca	gcatccgctc	cagcttcact	gcatcagcgg	caaacttgcg	120
gatcccgtca	gagagcttct	ccacagccat	ctggtcctcg	ttgtgcaacc	aacggaaaga	180
cttctcatcc	aggtggattt	tttccaggtc	actggcttgg	gccgccttgg	ctgagagcac	240
aggcaccagc	ttggcgttgt	cctgcagcag	ctctcccagg	agcttgggtg	agatgggtgag	300
gaagtcacag	ccggccagtg	ctttgatctc	gcccggtgtg	cggaaggagg	cgcccatgac	360
aatgggtttg	tagctaaact	tc				382

<210> 1220

<211> 127

<212> DNA

<213> Homo sapien

<400> 1220

tcgacctcct	tgaagcagac	caagtatagc	aagcctctaa	aaggactact	gagaaacaga	60
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atcagaaaact ctagaactct agttagggcc cttcagcagg gctgcagagc ctccctggat . 120
 acccagg 127

<210> 1221
 <211> 304
 <212> DNA
 <213> Homo sapien

<400> 1221
 ccaccccgga gatgacacga ggctcacatg actctagaca cttggtggaa agtgaggcga 60
 gaaaaacaat gacttgggcc aattacacga ctgcaaagct agagctgccac acagggctcc 120
 agggagcttg gcttctgtag aagttctaag gaagcggtag gaactccacg gcggtggggc 180
 gctaactagc agggaccctt gcaagtgttg gtcgggggcc tcgggctgcc tgagctgaca 240
 cgagggggagg ggtctgtgta gccaacagggt gaccgaaggg cttgcctgcc cacagcttac 300
 ttgg 304

<210> 1222
 <211> 309
 <212> DNA
 <213> Homo sapien

<400> 1222
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 ggagaacttg gtggaattgg agtgaagaca gatctggtag tcaccagggg tatgggaagt 180
 gaaagtgaac ctgccctcgg agccatactg ccggggccagg atgaccttgt cctctgggtc 240
 ctccacctcc acaaacatgc caagccccgg ggtggccggc tgggtactcct cccgctgctt 300
 gtcatacag 309

<210> 1223
 <211> 390
 <212> DNA
 <213> Homo sapien

<400> 1223
 cctggcctgg gagccctgtg cctactagaa gcacattaga ttatccattc actgacagaa 60
 caggtctttt ttgggtcctt cttctccacc acgatatact tgcagtccctc cttcttgaag 120
 attctttggc agttgtcttt gtcataaacc acaggtgtag aaacaagggt gcaacatgaa 180
 atctctgttt cgtagcaagt gcatgtctca cagttgtcag tctgccactc cgagtttatt 240
 ggtgtttgtt tcctttgaga tccatgcatt tcctgggtga atctcctgga actccctcat 300
 taggtatgaa atagcatgat gcattgcata aagtcacgaa ggtggcaaag atcacaacgc 360
 tgcccaggag aacattcatt gtgataagca 390

<210> 1224
 <211> 407
 <212> DNA
 <213> Homo sapien

<400> 1224
 ccttatgact acaacggccc acgagaaaaa tatggaatcg ttgattacat gatcgagcag 60
 tccgggcctc cctccaagga gattctgacc ctgaagcagg tccaggagtt cctgaaggat 120
 ggagacgatg tcatcatcat cggggtcttt aagggggaga gtgaccacgc ctaccagcaa 180
 taccaggatg ccgctaacaa cctgagagaa gattacaaat ttcaccacac tttcagcaca 240
 gaaatagcaa agttcttgaa agtctcccag gggcagttgg ttgtaatgca gcctgagaaa 300

T02050" 92967860

tccaggtcca agtatgagcc ccggagccac atgatggacg tccagggctc caccagggac 360
tcggccatca aggacttcgt gctgaagtac gccctgcccc tggttgg 407

<210> 1225
<211> 250
<212> DNA
<213> Homo sapien

<400> 1225
ctgcagcttt gggcattttt ctttttaatt attcttcctc tgactttgta tcccttaata 60
cctacactct ccaattgtaa gagaaagggg gcagggaagc aatatagctt ccattctaag 120
gctgtattcc cgttatgaat tactagctga ttacagttca gagcattgat cctggaatgt 180
gtgctggaga aatttaaaat actgggggtt tttgtttaat ggtgcctgtt tagagttgga 240
agttgaacag 250

<210> 1226
<211> 444
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 1226
cctttaggct gttgctctgg gcaggggggtg ggggtgcggg ggcttacagt gggggccctt 60
agttggcaca ggttcggaag ggccccaggc agacatgaat tctcctgaga cttgaggtag 120
gttgcttcag ccagcccggg cggagaagaa gggcagagag cgaacatagg agtccagtcg 180
ggagcgaag agctcacttt gcacagtttg gccagcggg cacaggggat tcttcaccac 240
cagctccaca tacagcgcac tgtagatgtg gtgcagcaca tctcggatgg gtcccacgcc 300
caagtcagta ttcattgaca ctttgatccc agtgggcgtc tcgtagtaat ggagtttgta 360
acggctagtt tggaaggcca ggaagccatc cttcatgtct agcggggaca tcttgctgac 420
aaacgancgg atagagaaga gcat 444

<210> 1227
<211> 491
<212> DNA
<213> Homo sapien

<400> 1227
gttagcctta catgttgtgt agacttactt taagtttgca cccttgaaat gtgtcatatc 60
aattttctgga ttcataatag caagattagc aaaggataaa tgccgaaggt cacttcattc 120
tggaacacagt tggatcaata ctgattaagt agaaaatcca agctttgctt gagaactttt 180
gtaacgtgga gagtaaaaaag tatcggtttt attctttgct gatgtccttt ctgcttgaaa 240
taacagtcac catacagcta aaggagagga gtttctttcc ttctaagtag gcagaaatgg 300
tatcattatg ttgcgcgtct ccaatctccc agagctcgct ctctagagaa tcaccttctt 360
tcgctttttt tttttttttg aggtagagtc tcactatgtt gccagacta gccttgaact 420
cctgggctca agtgattctc cctcctcagc ctcccagta gctggaacga actatagttg 480
caccactgca g 491

<210> 1228
<211> 279
<212> DNA

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$\langle 400 \rangle$ 1232

<212> DNA
<213> Homo sapien

<400> 1236
ctgatacctca ctattgtggg caccatcgct ggcatcgctca ttctcagcat gataattgca 60
ttgattgtca cagcaagatc aaataacaaa acgaagcata ttgaagaaga gaacttgatt 120
gacgaagact ttcaaaatct aaaactgcgg tcga 154

<210> 1237
<211> 375
<212> DNA
<213> Homo sapien

<400> 1237
ccactggatc tttgggatta aagctctgtt ggatttgtac ctcagaggaa gatcaagtgg 60
ctgataccttt ggactctgta aagagcattc ttctagtcag aggggtggaat ggcagcagca 120
actggaagaa aatgagtttt ttggtgcca caccgaagag cacacacatg ctgcaactgtc 180
tcggaaagca gggccagcta gagccaccat gttcttcctt acctcagttt acctgcggcc 240
tgcgctgcac tgcagatgcc caccctgccc tgggtctggc cggcggaagc tctgtccaag 300
gtccacacac ctccaggttt acgccaacat ccttgtgccc tccccacctt ctcttccaac 360
gcattaggtg cattg 375

<210> 1238
<211> 454
<212> DNA
<213> Homo sapien

<400> 1238
gtcaagatca agttcaatat catcgccctct ctctatgact acaaccccaa cctggcaacc 60
tacatgaagc cagagatgtg ggggaagtgc ctggactgca tcaatgagct gatggatata 120
ctgtttgcaa atcccaacat ttttgttgga gagaatattc cggaagagag tgagaacctg 180
cacaacgctg accagccact gcgtgtccgt ggctgcatcc taactctggt ggaacgaatg 240
gatgaagaat ttaccaaagt aatgcaaaat actgaccctc actccaagag tacgtggagc 300
acttgaagga tgaggccccag gtgtgtgcca tcctcagcgc tgtgcagcgc tacctggagg 360
agaagggcac taccgaggag gtctgcgcga tctacctgct gcgcacctg cacacctact 420
acaagtttga ttacaaggcc catcagcgac agac 454

<210> 1239
<211> 483
<212> DNA
<213> Homo sapien

<400> 1239
ctgccaggct gaaaagaagc ctcagctccc acaccgccct cctcaccgcc ctccctcggg 60
agtcacttcc actggtggac caggggcccc cagccctgtg tcggccttgt ctgtctcagc 120
tcaaccacag tctgacacca gagcccactt ccctcctctc tgggtgtgagg cacagcgagg 180
gcagcatctg gaggagctct gcagcctcca cacctaccac gacctcccag ggctgggctc 240
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caccctcatg cactcaaaga ttggatttta cagctacttg caattcaaaa ttcagaagaa 360
taaaaaatgg gaacatacag aactctaaaa gatagacatc agaaattggt aagttaagct 420
ttttcaaaaa atcagcaatt cccagcgta gtcaagggtg gacactgcac gctctggcat 480
gat 483

<210> 1240

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<211> 358
 <212> DNA
 <213> Homo sapien

<400> 1240

cctttatgga	tgaaagtacc	cagtgcctcc	agaaggtgtc	agtacagctc	ggaaagagaa	60
gcatgcaaca	attagatccc	tcaccagctc	gaaaactgtt	gaagcttcag	ctacagaacc	120
cacctgccat	acatggatct	ggatctggat	cttgtcagtg	actttatgag	agtttctgcc	180
acaaggtgcc	caagaggaga	ggaatgggaa	gagtgcccca	gcacgtggtg	actgcgtgat	240
ttctgctcra	tgcccttmts	atamstgacc	acactgasgg	cgaattmcag	cacactggcg	300
gccgttacta	gtggatccga	gctcggtagc	aagcttggcg	taatcatggt	catagctg	358

<210> 1241
 <211> 194
 <212> DNA
 <213> Homo sapien

<400> 1241

ccaaaggttc	gtaatgccat	ctctgcacca	atctcctccc	ccatagcaat	aagggaatc	60
cccagaacag	ccactccctg	atgtgctccc	atgtcagcag	gggcttcctt	cttgtccttg	120
tctttctttt	ccttcttgct	tttgtcttcc	tccttctctt	tggagtcaaa	gtgttcgcta	180
caaatgtgga	gcag					194

<210> 1242
 <211> 316
 <212> DNA
 <213> Homo sapien

<400> 1242

ccttgttctc	actgccctct	aagggaactt	ggtcactcgg	cactttttaag	cctcagtttc	60
tccagttcaa	taataaggac	aagagctttt	cccatgcatt	ctctttcccc	gggaaagtgt	120
actgaggtga	ccagtaatag	aattgaaaag	ggagagtgtc	ttcagtgcaa	tgtggcatcc	180
tggattgggt	cttggaacaa	aaacaggaca	ttagtgggaa	aattggaaat	ctgaaaaaag	240
tctgaatttt	agttaatat	ccaatttcag	tctcttggtt	ttgacagatg	taccatggtg	300
atgtaagatg	ttgacc					316

<210> 1243
 <211> 275
 <212> DNA
 <213> Homo sapien

<400> 1243

aaaagggtga	tgaaagtatt	atgtataata	ttataatggt	aaatatgtga	tatgaatttg	60
ttgaaatcaa	cagaatatac	agcataaagg	gttaattcca	attcacaaaa	atataaataa	120
ataggagatt	aggaattcca	ggatagaatg	cagacaatat	agaaaatatc	taatgtcatt	180
acaaatgtat	gaaatcagaa	gaggtgccaa	gtgacctcag	aaatagtgtg	gtcaataaaa	240
gaataaagaa	agtgcacgtc	agaactgtac	cccag			275

<210> 1244
 <211> 235
 <212> DNA
 <213> Homo sapien

<400> 1244

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ctgctgcgct tggataacaa gtaattcaac gcacgcactt aacagaaatg ttaaactata      60
acaagcacca tttgaggatt aacaggaaca tttttttgaa gatttcaaac gaactcgact      120
ttcagtataa ttgtacctaa agtatattata aacagctcat cggagcctct atttgtcata      180
gacttttgag ttgattgttg ggaccacata ataggaccat tttttttttg tcttt          235

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<210> 1245
<211> 640
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

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<400> 1245
ctgatgatgt tccacaaaag agcaaaacat acacaatctg gttccactct acagaaatcc      60
tggaactgga ctacaaaggg aatagacagg gtgtggcagg aggggggttc tcacggttgg      120
agtgcgaggg tagggacagg aatagaaggy aggtataaaa cattcatgtg gtattaacag      180
ggcagatgtg tcaatrtatt tscaagttta gcataatata ggtataaaaa ttaaataaaa      240
atagtttaka tgtgtgtgta tatatgggtt aatacacaac acatacctcc tagagtcatt      300
acctgagagg ttctacaaga aaagacagca aattaacaaa aaatacaccg agaatcaaga      360
tttgagtttt ggttcctttc atagcagaat ggtatgcaac atttcttggg aaaatggcta      420
atcctagggc ttggaaagag aatataggag taaagtctac aatttctcat ggtaccaga      480
aaataagaaa gggttccaaa atgaagaatc gctccttttg caaaccttat ggtaacaaat      540
ataatattta taaaaagtga attangtaat atgttaatgg agaaataaac atcattatga      600
aatgctatct taacaaaaaa targagaaaa twttagtttt          640

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<210> 1246
<211> 509
<212> DNA
<213> Homo sapien

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<400> 1246
aaactttcaa agaatcactt ttaggcttac aaaaataaat atttgtcaaa atgttcaata      60
aatattacat aaaactagca gcaaaaagta tctagaaatc tgcgtgtgac aaatagtttt      120
cttcccaact atcattccca tgggtcccaa taaattttag aatctagtcc catccccttc      180
ctagacaagc tgcgttcaac aatctccaag agacaaaagta agattggaag tttaaggaca      240
cgcacacaag acatatatat aaaattctct gaatgtgcaa taaaagaagt actttgtaaa      300
aagttatggg caaaatgtac aagggcctaa acctagacta attgaaatag caccataaca      360
aatgacctca atactgtcaa gtgcacctac ttaataaaaag ttttagaaca aggcacata      420
cacttgaaaa tctattgcac tttaggaaat ttttgccgtc ttcctatgcc actgtaaaaa      480
gatggagcgt tttgatcacc gcattctgg          509

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<210> 1247
<211> 310
<212> DNA
<213> Homo sapien

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<400> 1247
catatgtgga actattcttg gaaagtctac aaagtgaaat ctatcgagtt atttctcatt      60
tgcaaagtga tcctttgagt catttctcat aatctataat ctgaatgta atactgatat      120
ttttaaaagc cctacatccc aacagaccag gccatctaga tatttcagcg tgggtgtctca      180
ggatgagtaa acaaacagct aaaaatatat gacttatgta aactagagtt acaggagtta      240

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ctagcttttc tgaaagggat atattctaag tattttttct taaaaaaaaa aaaarggggg 300
gggggggggtt 310

<210> 1248
<211> 640
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1248
aaagatataa aactatggag aaaactgcta aagggtatcc ctgaccttta tgatgatgca 60
gctattttcg aggccaaaaa atcattttac tgggcaagaa aaacatctca ttcctttgtc 120
gtgaatatcc ttgctcaggc tctttatgaa ttattttctg ccacagatga ttccctgcat 180
caactaagaa aagcctgttt tctttatttc aaacttggtg gcgaatgtgt tgcgggtcct 240
gttgggctgc tttctgtatt gtctcctaac cctctagttt taattggaca cttctttgct 300
gttgcaatct atgccgtgta tttttgcttt aagtcagaac cttggattac aaaacctcga 360
gccctttctca gtagtggtgc tgtattgtac aaagcgtgtt ctgtaatatt tcctctaatt 420
tactcagaaa tgaagtatat gggttcattaa gcttaaaggg gaaccatttg tgaatgaata 480
tttggaactt accaagtcct aagagacttt tgggaagagga tatatatagc atagtaccat 540
accacttata aagtggaaac tcttggacca agatttggat taatttgttt ttgaagtttt 600
tggnatataa atatgtaaat acatgcttta attgcaattt 640

<210> 1249
<211> 1108
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(1108)
<223> n = A,T,C or G

<400> 1249
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atgtatcttg ttccattttt aacaggaagt ccttcatgca aatgtgtgag tctcccagga 120
tgcatgaagc tccagccttt tctggttgac tcaatagagc aattgtacct tacaaatktg 180
caaccacctc cctgaaagtc ttctcccacg ttattaagtg caatgyttat ggtaaatgta 240
gaagcatcat gatgaggacg aagagaacgc tgtcgttcag gggagtattt tactacaaaa 300
ttcagtagtg caaatccctt cgtataatag cctgcaaaga cttcagtggt aactgggtgca 360
atgaactccc ggataaaatg aagccataca ttctccagat caacttgctt catgtggata 420
tcacagttg ggacattttt ataaccacca gatatacggc tatcatgatg tttttcccca 480
gaccatttgc cgtaatgttc catttcttct accaattcat cacaggnctt tttcagaaaa 540
tatggggaac cmaaaagaca tctggacagg gctgttcaam ctatattttc agtgaaaatc 600
tttgaataat ccmcggttta tatacttttc cttccagtc acaggatttt caaaaatctg 660
ccagagggtca ttgttataat gggaagtatt gtaattagca gtggataata gccttccaaa 720
ttcatgtcta ttagaaatgt acataaatac accctttggg gggctgagca tttggaatgt 780
ttccggagta ggggagtctt tttccctttg taaagtcatt tctctagcat ttccggcaag 840
agccatatca ggatccagtt tatcacgaac aaaatagctc ctttcattca tctctgatcg 900
gagtgtcttt cctttaatta agtacacatt agccatatat gggacattcc atactcctac 960
tctattccct tgaacaatat ccacataatc ttcagatcgt gcatagtatc catcaggact 1020

09049626 050301

caatgctccc cagaaattgg accacagctt tccatgacga gttacaagag gagcaatgat 1080
 ctttctgttt tgttcaatca aaattttt 1108

<210> 1250
 <211> 567
 <212> DNA
 <213> Homo sapien

<400> 1250
 ctgaatattg aactggaagc agcacatcat taggctttat gactgggtgt gtgttgtgtg 60
 tatgtaatac ataatgttta ttgtacagat gtgtgggggt tgtgttttat gatacattac 120
 agccaaatta tttgttggtt tatggacata ctgccctttc attttttttc ttttccagtg 180
 tttaggtgat ctcaaattag gaaatgcatt taacatgta aaagatgagt gctaaagtaa 240
 gcttttttag gccctttgcc aataggtagt cattcaatct ggtattgatc ttttcacaaa 300
 taacagaact gagaaacttt tatatataac tgatgatcac ataaaacaga tttgcataaa 360
 attaccatga ttgctttatg tttatatatta acttgtattt ttgtacaaac aagatttgtgt 420
 aagatatatt tgaagtttca gtgatttaac agtctttcca acttttcatg atttttatga 480
 gcacagactt tcaagaaaat acttgaaaat aaattacatt gccttttgtc cattaatcag 540
 caaataaaaac atggccttaa ctaaaaaa 567

<210> 1251
 <211> 655
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(655)
 <223> n = A,T,C or G

<400> 1251
 gaaagaaacc aatttaatgc caccaaaccat aagcctgcta tacctgggaa acaaaaaatc 60
 tcacacctaa attctagcag agtaaaccgat tccaactaga atgtactgta tatccatatg 120
 gcacatttat gactttgtaa tatgtaattc ataatacagg nttagggtgt gtggnatgga 180
 gctaggaaaa ccnaaggagn aggaaattat nnaaaagaac tgnaggtnaa gtataaagtc 240
 atatgcctga tttcctcaaa ccttttggtt ttcctcatgg cttctggctt tatattttta 300
 tcacaaacca agatctaaca gggntctttc tagaggatta ttagataagt aacacttgat 360
 cattaagcac ggatcatgcc actcattcat ggggtgntcta tgttccatga actctaatag 420
 cccaacttat acatggcact ccaaggggat gcttcagcca gaaagtaaag ggctgaaaaa 480
 gtagaacaat acaaaagccc tcgtgtgggg ggaactgnng gctcactctt acttggcctt 540
 cattcnaaac aggttgggnc tttcntgcga ngatctctca gggnggtaaa aactttntgg 600
 ntttcaacan aanaggtttg gntgaatgat tactcggcng acacctaagg gatcc 655

<210> 1252
 <211> 672
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 1252

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aaantgcaaa aaccacagaag accaataatt ctgaaacttg gcatgagtgt gccagtcag 60
cagcttgcaa agagaggatg tgtcagttac tacaattgct gtactccttt agctgagtcc 120
ttcaactttc tccttcttgc cagtaaatac tacgttgtaa ttcatatgac tgagatctta 180
gtatcacagg attttttagct cccatgcctc cttcaaaaatt gtttacctgg atttgtttct 240
atttctctgta ggccatattc caaacacatt cactttctaaa tccaacacaa gtgaaggacc 300
agccaggatg aaacacttca gcaatcattt tgttaaaaat aacatcctgg tcatcaagct 360
aagcataagc acctcttgta taacaattca tcttaaaagc ttaaagtaca ataataaaaa 420
taactgcctg aaaactggaa atgaaataca acagaaaaac tgaagcatta gtaatttttg 480
caagtaaccc aggtacagta catTTgattt catagagggt gttttctgat gtttaaggag 540
agggtagaag gggtaggaaa acttggaag gaagatggaa acagcacaac cagttatttt 600
gcttttaata aagtaaattg aatgacagga gtagggagggt gacaaacaca tcnatatata 660
tttttcttat gg 672

<210> 1253

<211> 644

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 1253

ccaaatattt gttagaaact tctggtaact tagatggctt ggaatacaag ttacatgatt 60
ttggctacag aggagtctct tccaagaga ctgctggcat aggagcatct gctcacttgg 120
ttaacttcaa aggaacagat acagtagcag gacttgctct aattaaaaaa tattatggaa 180
cgaaagatcc tgttccaggc tattctgttc cagcagcaga acacagtacc ataacagctt 240
gggggaaaga ccatgaaaaa gatgcttttg aacatattgt aacacagttt tcatcagtgc 300
ctgtatctgt ggtcagcgat agctatgaca ttataatgc gtgtgagaaa tatgggggtga 360
agatctaaga catTTaatag tatcgagaag tacacagaca ccactaataa tcagacctga 420
ttctggaaac cctcttgaca ctgtgttaaa ggttttgag attttaggta agaagtttcc 480
tgttactgag aactcaaagg gttacaagtt gctgccacc ttatcttaga gttattcaag 540
gggatggagt agatattaat accttacaag gagattgnag anggcataaa acaaaaaaatg 600
yggactattg aaaatattgc cttcgttctg gcggagggtt gctc 644

<210> 1254

<211> 438

<212> DNA

<213> Homo sapien

<400> 1254

aaagggcatt tgaggggagg attattgcta tgaatgaaaa aaatatttta gcttagacta 60
agctacctgc cttcaaaaata gtttagggac caccaccata ttttattttg tttttatttt 120
tgaacatttt tctaattgatt tggagagaaa actattttaca aaaattccac atatcagtga 180
tacaattttt tgctgtcacc aattttttat aatagcagag tggcctgttc taagaaggcc 240
atatttttta agttatcttt cagggttaaca tggaaatact ataaagttgg atgtcaaact 300
ttaatatggt ttcatgtgtt tctaattttt tggaaatttt gtagacttta cacctggaaa 360
aaaagatttg taaaatcacc ggaacaattg tgtgctttat tttataggta gtggttatta 420
gtattacatc cccatttt 438

<210> 1255

<211> 519

<212> DNA

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<213> Homo sapien

<400> 1255

caagcacagg	ggagtttata	gttctgatgt	ctttgacatt	ttccctggaa	cataccaaac	60
cctagaaatg	tttccaagaa	cacctggaat	ttggttactc	cactgccatg	tgaccgacca	120
cattcatgct	ggaatggaaa	ccacttacac	cgttctacaa	aatgaagcat	cttctgagac	180
tcacaggaga	atatggaatg	tgatctaccc	aatcacagtc	agtgtgatta	ttttattcca	240
aatatctacc	aaggaatgac	caggagaata	agatcctccg	atgttcgcaa	tgggtgtggtg	300
tcaggaggct	gcctcttaga	caatctccag	atgtactgtg	atgtgagttt	gaaaaagagt	360
tcctgaagta	ccacatctgg	gagacatgcc	actagctgag	cttcccaaaa	gtctaccaag	420
agctgaggaa	ttgtatcttc	atccttagca	caaagcacct	taaaaacagt	aaaaggagcc	480
tctatattcc	agataaatat	agcactgata	aagcgacag			519

<210> 1256

<211> 178

<212> DNA

<213> Homo sapien

<400> 1256

ccatgcagga	gttcatgatc	ctcccagtcg	gtgcagcaaa	cttcagggaa	gccatgcgca	60
ttggagcaga	ggtttaccac	aacctgaaga	atgtcatcaa	ggagaaatat	gggaaagatg	120
ccaccaatgt	gggggatgaa	ggcggggttg	ctcccaacat	cctggagaat	aaagaagg	178

<210> 1257

<211> 255

<212> DNA

<213> Homo sapien

<400> 1257

gggtccactt	gctgccccat	cattgtatca	ccttccttca	atcttttggc	tgccactctc	60
atgtagggat	ccacggtgag	gaacaaagct	tcaagcagga	cctctccatt	ttttaagggg	120
gggagctcag	atgtcttcaa	ctcaaagtca	ctattagtag	gatagccaac	aaagtgcctc	180
ttcaggggtcc	atgtcttagt	acgaaccatc	ctgaagctca	ggagcccga	ggttccactg	240
cctggggaag	gcggc					255

<210> 1258

<211> 630

<212> DNA

<213> Homo sapien

<400> 1258

aaaactaaaa	gcatcactgc	tgaactccag	ctcagtcttc	ccattttata	atgaggactc	60
tgaagtttat	agaggccaag	gacttgtcca	aagctttaga	tatgtagtgt	ctgtgccctt	120
ttcctctaag	tttctcctag	agaatgtggg	ggctcaggaa	cagagaaaat	aagggtgcaaa	180
aagtagaaat	gggtggtggt	tctcaaagtg	tgggtccatct	gcatcctagt	gactgggggtg	240
cttgttaaaa	tgcagattgc	tgggccttat	cccaatctga	ccaaatcatc	tcaggatcta	300
ccttttgaac	aaacttgcct	aggtcaaatt	cactcttggtg	gaagttaaag	tacttcagaa	360
acaagacagc	cacagaaggc	gcacctgcta	atttgggtggc	ttccagtgcc	tcactctgtaa	420
cttctggtga	aatcctgaga	tgtcttactt	tacattgttt	acatcccata	acattccaac	480
atttagaaat	tcaactcgagc	ttatttttct	tacttggttta	gcactaaatg	aaaatagctc	540
cctgaagtta	aggagtttat	atacagtaat	tcattgcaagt	gtgtaaatta	aacagatgac	600
tttccccctt	aatatctaag	gcacagcaag				630

<210> 1259

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<211> 159
 <212> DNA
 <213> Homo sapien

<400> 1259
 aaaattttaca gataaaggca gttcaatact gccactgaga agtacatctc ttaacatata 60
 caacttttcag gccacagttt tgaaggctctg aagtatttaag ttgggtttgat gaattagtcg 120
 gttggcactt acgaacacat ttattgcctt gccatcttt 159

<210> 1260
 <211> 115
 <212> DNA
 <213> Homo sapien

<400> 1260
 aaaaatacta taattttcaaa acttccaaat ttcaacagat gccagtgttc tctccttttt 60
 tcatatggga aaattttcttt caaaattatt tgacgcttgg acaaaaattc cacag 115

<210> 1261
 <211> 280
 <212> DNA
 <213> Homo sapien

<400> 1261
 aaaatattgt ttatctttat ttattttgtg gtaatatagt aagttttttt agaagacaat 60
 tttcataact tgataaatta tagttttgtt tgttagaaaa gttgctctta aaagatgtaa 120
 atagatgaca aacgatgtaa ataattttgt aagaggcctc aaaatgttta tacgtggaaa 180
 cacacctaca tgaaaagcag aaatcggttg ctgttttgct tctttttccc tcttattttt 240
 gtattgtggt catttcctat gcaaataatg gagcaaacag 280

<210> 1262
 <211> 144
 <212> DNA
 <213> Homo sapien

<400> 1262
 aaattatttg atgagttcca cttgtatcat ggcctacccg aggagaagag gagtttgtaa 60
 actgggccta tgtagtagcc tcattttacca tcgwtgtat tactgaccac atatgcttgt 120
 cactgggaaa gaagcctggt tcag 144

<210> 1263
 <211> 487
 <212> DNA
 <213> Homo sapien

<400> 1263
 aaacatcttg ataatttggt gttgagagct gttcattcta aaatgtaatg aaattcagtc 60
 tagttctgct gataaagatc atcagttttg aaaggttact gattttcctc ttccctctta 120
 gttttttacc caatatatgg agaagagtaa tggccaatct taacattttg ttttaattgt 180
 ttaataaagc tgctgggcag tggcgcagca ttccctaccta gtgtcataaa agcaaaaatac 240
 ttacatagct ttcttaaaat ataggaatga cattacattt ttaggagaaa gtaagttgct 300
 ttgcacggcc tacttaattc ttttccatat attgtgatac aaacttttga atatggaatc 360
 ttactatttg aatagaaatg tgtatgtata atatacatat atacataagc atatatgtgt 420
 gtgtgtgtgt gtatatatat atatatgcat gctgtgaaac ttgactacac aacataaatc 480

09049626-050301

actttttt

487

<210> 1264

<211> 250

<212> DNA

<213> Homo sapien

<400> 1264

ctgcttcaac	agagtggcag	caaccaagct	ggagtccaag	ccccctgata	aaaggcagcc	60
aatccttctg	tctgtcatca	aacgtttctt	tacagcatta	ttaaaaagga	tcctgaggtt	120
gttcttcaca	gtttctatct	caaaacctgg	aaagagtttc	tccacattgt	catagagggc	180
gtgcaggggt	tcatcccgcac	agtgatgata	tttaaccatt	tccacggatg	caactttgcc	240
atttggtttt						250

<210> 1265

<211> 394

<212> DNA

<213> Homo sapien

<400> 1265

aaatatttgt	tccaaccttt	ttcgttggtg	gcatttatgg	ctttggagca	ctgtcaggcc	60
catgttcatt	accgtgagct	cctgtgcac	tcctaatttc	caaactagcc	tggaacacgc	120
ctccattgac	catgattggt	tcatggctct	gtgcatggaa	catcatatgt	tcaggagat	180
aaagaactct	gatagtggca	cctgggtaaa	aagtacaatc	cattatatct	ggatatcaag	240
atcttttgca	gttgaagaga	ggatttgcca	cagagaaaat	tataggagca	gaagaaagtc	300
aatgaaagtc	aatgatgaca	ctccattagg	aaccagaaag	atggtattta	tttatacata	360
taataggtgt	aagagattag	aggaagcctg	tcac			394

<210> 1266

<211> 229

<212> DNA

<213> Homo sapien

<400> 1266

ccacagtgtg	atcatatagc	atctctaaca	tttcatctag	gattatctag	tatagatctt	60
actatatttg	gggctatggt	gtatacaatg	ttaacaagaa	catatcttct	ctgcatatat	120
gtgtgaatta	taaagaaaag	catgagaatg	actctaagtt	caacaaacat	gggtgaatct	180
ctatgtgctc	ccagtgtcct	ggatgggctc	cccagcaagc	cattcctcc		229

<210> 1267

<211> 722

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 1267

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cagtattata	cactacactg	tgtaataaat	aaagaaatat	aaaaataaga	cacataaata	120
taaaagtttt	ctaaaactaa	aagtacatat	gtcagtaaga	agggatttaa	tactgccagg	180
tttgaagaca	tacagtacaa	aatgttgca	cagatctata	aactaaaaga	aataaaataa	240

T03050"92964860

tactgatagg	taaaaatcag	ctaattgttgt	taataaattg	ggtccataat	aactaacatt	300
tggaacacgt	tatgagccaa	ataacaatag	catgtccatg	tctgaaatgc	aagtacatgg	360
ataaagcaga	ttagaaaatt	tccctttcgt	ttctgtagag	aaattctgaa	aatcaatcaa	420
cataaaatca	ataccgagga	attgaaggat	gaaatgtccc	agtgtttcag	tttctctgac	480
agagtcagtg	gttttaagtt	ttatttgagg	attttgatac	aagagacaaa	tcaacaaatg	540
ctagttattg	taggccacac	attggatgaa	ggcgggttag	agccttgaaa	atactgagaa	600
atggcactta	cagcacacag	gtcttgctta	agggcaaagg	agatacaaag	cttcatgnca	660
tatccttcat	atggtaccac	atattcaaac	accatcccaa	cactgatctg	atgattttgc	720
tg						722

<210> 1268

<211> 407

<212> DNA

<213> Homo sapien

<400> 1268

gatgacacaa	gcagctaata	accattttctg	ggttttctgcc	taacccccta	attgtctgtt	60
aaagccaatt	ctctgggtgt	cccagtga	gggtggctttt	tttctttcca	cattggcaca	120
ttcactttctc	ccactcttgg	catgtaagaa	ataagcattt	acataattgg	aaaaatctgg	180
atctctgatg	ccaaaggggt	aaagcttctt	ggatttcatt	tcattgatat	acagccacta	240
ttttattttt	gatcagtgcc	ctttgggcca	ctgttcaggg	tactgaccat	cagtgtcagc	300
attagggttt	tgggttttgt	ttcttttg	tattttcttt	ttggcacatg	tgaatcttgt	360
tttgtgtaaa	atgaaattac	tttctcttgt	tctctgatga	tgggttt		407

<210> 1269

<211> 675

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 1269

ctgaaaaaga	gtgatcctca	atataccta	taactgggtcc	tcaactcaag	cagagtttct	60
tcactctggc	actgtgatca	tgaaacttag	tagaggggat	tgtgtgtatt	ttatacaaat	120
ttaatacaat	gtcttacatt	gataaaattc	ttaaagagca	aaactgcatt	ttattttctgc	180
atccacattc	caatcatatt	agaactaaga	tatttatcta	tgaagatata	aatgggtgcag	240
agagactttc	atctgtggat	tgcgttggtt	cttaggggtc	ctagcactga	tgctgcaca	300
agcatgtgat	atgtgaaata	aaatggattc	ttctatagct	aaatgagttc	cctctgggga	360
gagttctggt	actgcaatca	caatgccaga	tggtgtttat	gggctatttg	tgtaagtaag	420
tggtgaagatg	ctatgaagta	agtgtgtttg	ttttcatctt	atggaaactc	ttgatgcatg	480
tgctttttgta	tgggaataaat	tttggtgcaa	tatgatgtca	ttcaactttg	cattgaattg	540
aaattttggg	tggattttata	tgtattatac	cctgtcacgc	ttctagttgc	ttcaaccatt	600
tataccattt	tgnacatatt	tttacttgna	aatattttacc	tgncctggcc	ggccgtcgaa	660
agggcgaaat	tcaac					675

<210> 1270

<211> 268

<212> DNA

<213> Homo sapien

<400> 1270

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ccatcctggg cggagctaaa gttgcagaca agatccagct catcaataat atgctggaca    60
aagtcaatga gatgattatt ggtggtggaa tggcttttac cttccttaag gtgctcaaca    120
acatggagat tggcacttct ctgtttgatg aagagggagc caagattgtc aaagacctaa    180
tgtccaaagc tgagaagaat ggtgtgaaga ttaccttgcc tgttgacttt gtcactgctg    240
acaagtttga tgagaatgcc aagactgg                                268

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<210> 1271
<211> 307
<212> DNA
<213> Homo sapien

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<400> 1271
cctactcttc tccgtccatt gtactatctg cccgtggtgg ggatggcagt aggatcatat    60
ttgatgactt ccgagaagca tattattggc ttcgtcataa tactccagag gatgcgaagg    120
tcatgtcctg gtgggattat ggctatcaga ttacagctat ggcaaaccga acaatttttag    180
tggacaataa cacatggaat aatacccata tttctcgagt agggcaggca atggcgtcca    240
cagaggaaaa agcctatgag atcatgaggg agctcgatgt cagctatgtg ctggtcattt    300
ttggagg                                307

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<210> 1272
<211> 798
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

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<400> 1272
ccattgctag aaattgaatc acaaataata gctaataatt tttcattttt caaaaaagat    60
catttgata gcagctatgt ataaaatgga aaataaaaaa ttattctatt ttgcatgaat    120
agttcagact ttcccatacc acagccaagc agtaactaaa attaggatct taattttcaa    180
tgataaaagg tctaagggtt atttaattat gtccttttaa cactgtcttt ctagattttt    240
cacccagtat tttcaaaatt tgggaatgta aacaattgat atatttattg tatgttggct    300
agcagttcat ccttctgcaa aatatgcatt cagagaaatg tgaagcttgt tttaatgaag    360
acttaaacca tttgtgtcat ttgtgttttc atattcaaat acaccaaatt aaaattctga    420
acctatattt ttcatcatta acttccta ataccagaac atatacctt ttcattgtaaa    480
gttggaatg ggatatggca gttttatttt tgaaaaatat gtaacatgac tttaatat    540
ttatagtttt cagaattaga aacataggaa gggaaaatgt tttaattaga taagtcaact    600
ttttatgggc tgnagtggng actataatag caaattataa agcattatta aatggttata    660
ataattttta tattacctca ttatgaatta actaaaataa agnggagtga tattttta    720
gggtgntcat actggagctc ctgagatata tgatttgcta ttgactcact ggntgattga    780
ataatatatt actcgcgg                                798

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<210> 1273
<211> 664
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

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<400> 1273

aaaatatacc	ttttcacagg	tagcaagaaa	tagtacatgt	aataagtctt	tatgactgga	60
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caaaagttaa	cotttagcct	ttgtgtaaaa	taaatggtgc	caacaatctt	tataatgtag	180
caagctttcc	ctgtttaata	tccaaaaaat	ggaggggtggg	gaggttgaag	aaaaataaga	240
aaagttagca	aataagatag	tgaaaagacc	aatgcagaga	aaagtttatg	taatcaaatc	300
ttgctttgtc	tccacattat	cacattttta	gtggataaat	ttatgtaaac	agaaaaagat	360
gtccacaaaa	ccatatctat	agatgtcatt	tggaagcatc	aagaaattga	taagtatgtg	420
gtgaattaaa	attactttta	taatgttttg	ctttcattaa	tgtttgttat	tgcaaaaatg	480
taagatttcc	tacaattttg	tcttcaaadc	ccaatctagc	ccttcaaact	tttatccagg	540
ttctccagaa	tatttgagtg	ctttgttatc	aaagcacaa	gaaagctggc	attcattatc	600
agacttcgct	gctttacaat	ganttcaaat	catttcatga	tacaaataaa	gtgcctctga	660
ctgg						664

<210> 1274

<211> 153

<212> DNA

<213> Homo sapien

<400> 1274

ccacaataaa	gtttacttgt	aaaatttttag	aggccattac	tccaattatg	ttgcacgtac	60
actcattgta	caggcgtgga	gactcattgt	atgtataaga	atattctgac	agtgagtgc	120
ccggagtctc	tggtgtaccc	tcttaccagt	cag			153

<210> 1275

<211> 504

<212> DNA

<213> Homo sapien

<400> 1275

aaaattctga	taaaaattta	ctcaattaca	ttttatacat	taatatattg	tgaattttgtc	60
caaaaaggct	atgtttaatt	tatgtgtaaa	aataacaaaa	gatgtatcag	tcagtctctg	120
ggcaataaga	aaggaagaaa	gccttgctag	aaataataaa	taatctcacg	caaaaggcca	180
ggtgacataa	gaatactaca	ataatcaata	tgttttcttt	gtattttaca	taaaatccat	240
ctgttaacac	tgtgatagaa	aaaataatca	gtccacatca	tgtaataaaa	acaggctttg	300
aggatgatta	tacctottat	aataaaaaaca	tacaaggatt	tctcacagct	aaagtacttt	360
tcaactttga	caactaatga	cagtcatggg	tgaaggtaaa	actgacagag	tacttttagat	420
cagctatgtc	ctacagtcaa	ggaatcaagg	gcattaccca	tttaccaagc	agcaaaaagc	480
actttcatth	ttccagaact	atth				504

<210> 1276

<211> 533

<212> DNA

<213> Homo sapien

<400> 1276

gacaatgatg	tcactgtttg	gagcccccag	ggcaggattc	atcaaattga	atatgcaatg	60
gaagctgtta	aacaaggttc	agccacagtt	ggtctgaaat	caaaaactca	tgcagttttg	120
gttgcatgta	aaagggcgca	atcagagctt	gcagctcatc	agaaaaaaat	tctccatggt	180
gacaaccata	ttggtatctc	aattgcgggg	cttactgctg	atgctagact	gttatgtaat	240
tttatgcgtc	aggagtgttt	ggattccaga	tttgatttcg	atagaccact	gcctgtgtct	300
ogtcttgat	ctctaattgg	aagcaagacc	cagataccaa	cacaacgata	tggcgggaga	360
ccatatggtg	ttggtctcct	tattgctggt	tatgatgata	tgggccctca	cattttccaa	420

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acctgtccat ctgctaacta ttttgactgc agagccatgt ccattggagc ccgttcccaa 480
tcagctcgta cttacttgga gagacatatg tctgaattta tggagtgtaa ttt 533

<210> 1277
<211> 78
<212> DNA
<213> Homo sapien

<400> 1277
ccacaggaag ttgcaaaaat tagatggact ctgtgtagct agccactcct gagtgtcagg 60
tctgcatatg tgagtttt 78

<210> 1278
<211> 560
<212> DNA
<213> Homo sapien

<400> 1278
aaatatctaa aacaatggcc cactgaagaa aggaacaatt aactcttta ttaattcctt 60
aggataagta cccagaaatt taacagctag ggcagacttc taatacaata ccgaaagtcc 120
ttccaaaaac caagtgggtg ccaacttatg tcccttagca ttataacatt cttgagccaa 180
tagtgtaaaa atacgctgac aatttttatag gcaaacatta ctcaaggat cttactttcc 240
acttattact aaagtaatta acccctaaat agatgctcct caacagtggg actacatcct 300
ggtaaaccta tcataagttg aaactatcaa gttgaaatgc atttagtacc cggataaacc 360
tatcataaag ttgaaaattt gtaaattgaa ccagtgtaaa tcagaggcca tcttacttca 420
tactcatgaa gcaactatag tgggatattt ttcaacttac gagatagcct aggcttggtg 480
aaacactgtc ctaatttact ggctctctgg taattaagtc ataatgggtc aaacatcaaa 540
ttctagaaaa gcatatattt 560

<210> 1279
<211> 580
<212> DNA
<213> Homo sapien

<400> 1279
aaaggagatt gtttcaaaat atttttgcaa attgagataa ggacagaaaag attgagaaac 60
attgtatatt ttgcaaaaac aagatgtttg tagctgtttc agagagagta cgttatattt 120
atggtaattt tatccactag caaatcttga ttttagtttga tagtggtgtg aattttattt 180
tgaaggataa gaccatggga aaattgtggt aaagactgtt tgtacccttc atgaaataat 240
tctgaagttg ccatcagttt tactaatcct ctgtgaaatg catagatatg cgcatgttca 300
actttttatt gtggtcttat aattaaatgt aaaattgaaa attcatttgc tgtttcaaag 360
tgtgatatct ttcacaatag cttttttata gtcagtaatt cagaataatc aagttcatat 420
ggataaatgc atttttattt cctatttctt tagggagtgc tacaatggtt tgtcacttaa 480
atttcaagtt tctgttttaa tagttaactg actatagatt gttttctatg ccatgtatgt 540
gccacttctg agagtagtaa atgactcttt gctacatttt 580

<210> 1280
<211> 307
<212> DNA
<213> Homo sapien

<400> 1280
aaacacatac gaagaaatca actgtgatta tgaagtggca gccagctaaa tatgtcttgt 60
atttgctctc ttcctttttt tgcctaactc atcctttact tccattcctg cttccatggt 120

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aatgcaggct caaataaatt actaggatac aagattactt caagcctctt ttctgtggaa 180
 ctcataatat gataagcatt tggtacaaga ttgcctgtag ttgttttaggg gataaattat 240
 attagggaaa gaaagtcttt ctttagttgg ttaaattttc tattataatt gggtactaaa 300
 tttatttt 307

<210> 1281
 <211> 235
 <212> DNA
 <213> Homo sapien

<400> 1281
 aaaatatttt aatagttaca tagcacttta gtttgctgat ttaatttatc ccaagggaca 60
 aggatgttaa tgagaaaact gactagattt cagatcacag attttaagag aacaaggatc 120
 tcaaaaccaa ataccctctg cttaaagtgt tttttgtgtt tttcactact gaaaatgttt 180
 agagattgac ttacctattg ctgatactca aaacatctga tatcttaata ttttt 235

<210> 1282
 <211> 230
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 1282
 aaagaatttc tttataagat tkactgtmta agattaatag cattcgaaga tccccagact 60
 tcatagaata ctccaggaaa gcatttacct csgtcgctga ccackctarg ggcsawggcc 120
 agcacactgg cggccgttac tagtggatcc gagctcggta ccaagcttgg cgtaatcatg 180
 gtcatagctg attnctgtga ggtaccagat tgccctgtagt tgtttagggg 230

<210> 1283
 <211> 638
 <212> DNA
 <213> Homo sapien

<400> 1283
 aaacacaaca gctataaacc tgaacacata tgctatcatc atgccataag actaaaacaa 60
 ttatatattag cgacaagtag aaaggattaa atagtcaa atacaagaatga aaaacgcagt 120
 acatagtgtc gogaactcaa atcggcattt agatagatcc agtggtttta acggcacggtt 180
 tttgcttata aaaaaagtgc aaaaaagatg tggtttaca gttaaagcta cagaatccct 240
 ttttgctgta attgcaccag ttttaagcc tctggacaga gcagtatttc gtttaaaact 300
 ttgttyttct taaaagctta cagtgtttgg ctaattctcc tcyccttttt acaagacggg 360
 ggccggaggg tggacactgg tggcagggtta agggatactg tcaactttaag aagcctgcag 420
 attgaagtgt aaacatggag aaattagggg ctgatttttt aaactgtgtg agatattaac 480
 cagccgccct gttataaaat caggaaatcc aaacagcgat ttacaccgat taacaccccc 540
 tttatatatt ttttcaaaa atacactgag aaaataatca aacgttttca tctctcttgt 600
 ctttttttgt tttttaaaag tgtcaaaagt ctacattt 638

<210> 1284
 <211> 745
 <212> DNA
 <213> Homo sapien

92964850

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 1284
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 atttacacca agaacttctc aataaaaagaa aatcatgaat gctccacaat ttcaacatac 120
 cacaagagaa gttaatttct taacattgtg ttctatgatt atttgtaaga ccttcaccaa 180
 gttctgatat cttttaaaga catagttcaa aattgctttt gaaaatctgt attcttgaaa 240
 atatccttgt tgtgtattag gtttttaaatt accagctaaa ggattacctc actgagtcac 300
 cagtaccctc ctattcagct ccccaagatg atgtgttttt gcttacccta agagagggtt 360
 tcttcttatt ttagataat tcaagtgcct agataaatta tgttttcttt aagtgtttat 420
 ggtaaactct tttaaagaaa atttaatatg ttatagctga atcttttttg taactttaaa 480
 tctttatcat agactctgta catatgttca aattagctgc ttgcctgatg tgtgtatcat 540
 cgggtgggatg acagaacaaa catatttatg atcatgaata atgtgctttg taaaaagatt 600
 tcaagttatt aggaagcata ctctgttttt taatcatgta taatattcca tgatactttt 660
 atagaacaat tctggcttca ggaaagtcta gaagcaatat ttcttcaaat aaaanggggt 720
 taaactttaa aaaaaaaaaa aaaaa 745

<210> 1285
 <211> 190
 <212> DNA
 <213> Homo sapien

<400> 1285
 cgacggtatc gataagcttg atatcgaatt cctgcagccc gggggatcca ctagttatta 60
 atagtaatca attacggggt cattagttca tagcccatat atggagttcc gcgttacata 120
 acttacggta aatggccgcc accgcggtgg agctccagct tttgttcct ttagtgaggg 180
 ttaattgcgc 190

<210> 1286
 <211> 153
 <212> DNA
 <213> Homo sapien

<400> 1286
 ctgcatcttt ctacaattct accagcaata tatgaggggt acaatttctc yccatctttg 60
 tgaacgcttg ttagagtctg tctcttttcc ttccattctg tgggttggt ttttactttc 120
 taaatggtag aaccttcaaa gcacaaaggt ttt 153

<210> 1287
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 1287
 aaaaacacaa aacactagaa cagttgctat gaaattactg ataatgatcc ctttaataaa 60
 ctgcaattaa ccactaatat agaaattcaa tttaagcaag aagttttata tattatactt 120
 tacagaaaaa aataattttg aaaaagtaat gmcaaacaga gatcaaakat ttagggcatt 180
 agttactgca ttctcttttt agaataata ttaagtaaca ctagtaaaat tt 232

<210> 1288

<400> 1292
 aaatatacct ttattttctca aactcaaagc tttatcaagt tctaacacat tttgcattga 60
 caagtgattt tatctgcac aagtaagggt agtgaccacc acgaaagagg aatccccaga 120
 cctcctaggc actaagaaat atttcaaagg ctatgcaaat atagaacaaa aagctttcaa 180
 tttagtctaa ttgggtatcta tttttcatct atattaattt ggaaataagt tgctacctta 240
 gaaaaattac atttttatcc attaaaataa aacaccagat aggttgaggt ttttt 295

<210> 1293
 <211> 256
 <212> DNA
 <213> Homo sapien

<400> 1293
 agattcactt caaagtgaaa atgacaacac atctcaagaa actcaaagaa tcatactgtc 60
 aaagacaggg tggtccaatg aattcactca gggtttctct tgagggtcag agaattgctg 120
 ataatcatat tccaaaggaa ctgggaatgg aggaagaaga tgtgattgaa gtttatcagg 180
 aacaaacggg gggtcattca acagtttaga tggtcttttt attttttttc ttttccctca 240
 atcctttttt attttt 256

<210> 1294
 <211> 90
 <212> DNA
 <213> Homo sapien

<400> 1294
 aaaatactta gctttattaa agacatggta ctaaaaataa cagattccaa catttgctct 60
 atttctactt atatatcata aataagacag 90

<210> 1295
 <211> 519
 <212> DNA
 <213> Homo sapien

<400> 1295
 ctgtcgcttt atcagtgcta tatttatctg gaatatagag gctcctttta ctgtttttta 60
 ggtgctttgt gctaaggatg aagatacaat tcctcagctc ttggtagact ttgggaagc 120
 tcagctagtg gcatgtctcc cagatgtggt acttcaggaa ctctttttca aactcacatc 180
 acagtacatc tggagattgt ctaagaggca gcctcctgac accacaccat tgcgaacatc 240
 ggaggatctt attctcctgg tcattccttg gtagatattt ggaataaaaat aatcacactg 300
 actgtgattg ggtagatcac attccatatt ctctgtgag tctcagaaga tgcttcattt 360
 tgtagaacgg tgtaagtggg ttccattcca gcatgaatgt ggtcgggtcac atggcagtg 420
 agtaaccaaa ttccaggtgt tcttggaac atttctaggg tttggtatgt tccagggaaa 480
 atgtcaaaga catcagaact ataaactccc ctgtgcttg 519

<210> 1296
 <211> 419
 <212> DNA
 <213> Homo sapien

<400> 1296
 aaagcaaaca gcagaaacca gaagcttctg accctctaac atgtattact gtccaaccca 60
 ccatgagaag tatgttact tggtgacaac aaagagactc cgtatcatat gtatgttaat 120
 gaccagattg ttcatatggg atttttctta acagattatc aggttgagaa tgattctttt 180
 tctccaaggg caagaaaaag ctggctaata gctagttaat taaatccatt ctcaattttg 240

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aactgtagag aagaacctga cttgaatgag attttctaaa ggaagacatt tcttgctcaa 300
 cctcaggtat aattagatta taaggaatct cacgtccaga attttatctg ctgattgtta 360
 gtatggtagg taattggcct taggacacta tttctactag aaccctttac attattttt 419

<210> 1297
 <211> 199
 <212> DNA
 <213> Homo sapien

<400> 1297
 cagggtctgaa gattttacat gcagatacca gataccttaa cttgtatttc tttagtcac 60
 ttttggtctg gaagtttctt ctgttgctt tgctgaatcc ttcgctttac ctccattctt 120
 aggtgctttg gagctggaag cagccttctt gcacttatcc tttgctgtgt tctgtgaggt 180
 ttctgtagtg gagggacag 199

<210> 1298
 <211> 484
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 1298
 aaatacactt gaaaagtaaa atgtttttct agcttttccc tcagggcgta acaccacacc 60
 attcataaca atgctatttt ccaaagggtt caattagatt tcctcagaag catacctgaa 120
 ctgttaatca ttacaactcc tttgtgaaac atgggactgg ttgattaccc agtgtaatca 180
 ctggctgaaa cctcagcaca ctgtttttca cccagtgga ggcaggtttt cacctcccct 240
 ctagtgtac ccctctctta atgccatat tagagaactg tgatcttctt tctccactag 300
 aaatgttcac tttcatcagg taagggataa aacaaaaaca agagacagaa gatcttaaaa 360
 aaaaaaatag taatagggca agtaaactca gtgagggttag aggaatttgt ttggggggca 420
 ttctatgttg ttagytncat atcatgttca gtttgntggt tctaganccc tctgaaatgc 480
 atta 484

<210> 1299
 <211> 419
 <212> DNA
 <213> Homo sapien

<400> 1299
 aaagtccatc tttgcaaatt atacgttgct ataaatacat tgtgtatttg gcattatgtg 60
 aatttgttta atccagtgtc aattgtctaa tgggtctaaag tgtccatttg aagttataat 120
 ctggatgaac tgaacaataa gagaagtttt cttcattagc ccaattgttt atcactcaat 180
 tcctactcct gcccatgggt tcttccacct tcctctggag aacataaaga gattctagat 240
 ctctgtataa ggtgggttgc tttagcttga aatcatcagt gaggattata catgggcaat 300
 gtccagaaat cacattattg ctcatagacc gtgtagtctt gatctaacgg ataactgtac 360
 attgtcttca ctaagaagct aggggtggtg tccttgatat tgggacattg tagacttgg 419

<210> 1300
 <211> 182
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 1300
 ccntngaatt gtgtgcatag ggaagcactc acccaatgag actttctcca atgtggactc 60
 tgtgtgtcag ggaatgaatg tagaaaaatt cactttggag gggtatcac tcaactagta 120
 agaagcatta atattattaa agtgaagaaa ctgcagagaa aattacagaa caaaactgta 180
 gg 182

<210> 1301
 <211> 312
 <212> DNA
 <213> Homo sapien

<400> 1301
 aaagttttta tctctgctga ggcttcacat ctgtttgctc aattttatatt ttatttcaat 60
 ccttgagcat gtttataata tagtagtata cccttattgt ggctttactt tcctcacttt 120
 cagtcaccca cagtcaaaaa atatgaaata taaaactcca gaagtaaaca gtttataaat 180
 ttttaagtcac actttgttct gaggaatgtg atgcaacctc ccgccattct gctgtatcca 240
 gttcaggatg tgacataccc ctttgctcag cagatacaca attcctgctt cctgctcatt 300
 agacatttgc ag 312

<210> 1302
 <211> 109
 <212> DNA
 <213> Homo sapien

<400> 1302
 attcttagat tatatgtgtc catctttgca gctttctgag agtaatttta tttgttgtct 60
 tctgaaatgt acatgtatac atgtacctac tgagtgtctat gtgattttt 109

<210> 1303
 <211> 330
 <212> DNA
 <213> Homo sapien

<400> 1303
 ccagagttac ttggatcagc atttaggaaa gtaaaatata gtggaagtaa aactgactca 60
 tccaactaga cattctacag aaagaaaaat gcattattga cgaactggct acagtaccat 120
 gcctctcagc cagcccgtgt gtataatatg aagaccaa atgataactg tactgttttc 180
 tgggccagtg agccagaaat tgattaaggc tttctttggg aggtaaatct agagttttata 240
 cagtgtacat gtacatagta aagtattttt gattaacaat gtatttttaat aacatatcta 300
 aagtcacat gaactggctt gtacattttt 330

<210> 1304
 <211> 170
 <212> DNA
 <213> Homo sapien

<400> 1304
 ccactgtagt ctgcatatcc ctgtccatat ccatagttcc catagttata ccaggtataa 60

105050" 92954950

tcatatccgc catagccact atagttttga tcaccacat aggcactatt gtaatttcca 120
tattccttgat cataatagtt attaaatcct tgggtccagt tttggccctg 170

<210> 1305
<211> 468
<212> DNA
<213> Homo sapien

<400> 1305
aaaaataaat atttatactc cagcttttgt gtatttggtg tacatcacca cttatgcaaa 60
tcaaggatca gaaaactgga ggtagccat ctccattatt tccttttgca cattgggtac 120
agtgggtggc attagtatgc actagctgca aagtcacagc accttatgga aataagtatg 180
tttattataa taaaaaaaag ttaagctgca tctctgtaga ttatttactt tgcagactgt 240
aaagctgccc tatcttttcc agcagaattt actcttccat tcttaattct tttttgaaat 300
atcttaaata atttaacatt cctttataac ttcttaacag tgtcaaaact ggggtagaag 360
ggattttatt ttttcccaa agggttccat ctttgctatc tgttgatcag ccttagaaaa 420
tctaagtatg atcaataaat tttaatgggt gatggcatcc tgtgtcag 468

<210> 1306
<211> 326
<212> DNA
<213> Homo sapien

<400> 1306
tggtaaagaa ctacctgtta atgcacaaaa ctatgtgcga tttattgaag atgagcttca 60
aattccagtt aagtggattg gtgttggtta atccagagaa tctatgattc aactctttta 120
atgattgcca gtaatgcaag aaacactcct tgagagggag gggaaaagac tttcttaaata 180
atttcattta tgacctgcaa attcaagaat aaagacactg aagtaagttt gaagccctac 240
agygttttcc agtcttttca gatggatgcc tactgtggag attaactttg gcatattcca 300
gtgtcagctt tctttagctg gaattg 326

<210> 1307
<211> 614
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 1307
aaaaattatt actgtaagaa atagttttat aaaaaattat atttttattc agtaatttaa 60
ttttgtaaat gccaaatgaa aaacgttttt tgctgctatg gtcttagcct gtagacatgc 120
tgctagtatc agaggggag tagagcttgg acagaaagaa aagaaacttg gtgttaggta 180
attgactatg cactagtact tcagactttt taattttata tatatatata ttttttttcc 240
ttctgcaata catttgaaaa cttgtttggg agactctgca ttttttattg cggntttttt 300
gttattgttg gttttatacaa gcatgcgttg cacttctttt ttgggagatg cgygtytgyt 360
gatgttctat gttttgtttt gagtgtaggc tgactgtttt ataatttggg gaggttctgca 420
tttgatccgc atcccctgtg gnttctaaag gggatggnc cagnaactg ttgcatggat 480
cctgtgtttg caactgggga ggacagaaac tgggggtgat agccagtcct gccttaagaa 540
catttgatgc aaagaatggg accctgcccc ggggccgggn cccctccgaa anggggggga 600
aatcccang cacc 614

<210> 1308
 <211> 304
 <212> DNA
 <213> Homo sapien

<400> 1308
 ctgtcttttg gaggacgtac gtaataaggt ttttaatttag taaaccaatc ctatgcatag 60
 tttcagcact agccaaacct caccaactcc tagttctaga aaaacaggca cttggcagcc 120
 ttgtgatgtc atacagagaa gtcacaggca gtacctgagg gtctgtaggt tgcacacttt 180
 ggtaccagat aacttttttt ttctttataa gaaagcctga gtactccaca ctgcacaata 240
 actcctccca ggggttttaac tttgttttat tttcaaaacc aggtccaatg agctttctga 300
 gcag 304

<210> 1309
 <211> 289
 <212> DNA
 <213> Homo sapien

<400> 1309
 gggattttcca attaacagta ttaccagata aatatttcttg gtccaagcag aaaatatcaa 60
 caaaaagagc cttcttctcc tgtaaatctt aaatgcctac atcactcttt atgatacatg 120
 gatcatctta tgtggatact taaatttttc atgtctgctt cttttgcctc tcccaactat 180
 actatgagga aattcggaac aaagacattt ttgtaaatatt tcttatctcc ttcacaccta 240
 gtatagagct gattttacaa aggcatttaa gagatatttg aattgattt 289

<210> 1310
 <211> 534
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(534)
 <223> n = A,T,C or G

<400> 1310
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 atttaagact gataatttta caatttatat gcttcacata gcatgtcaac ttttgactaa 120
 gaattttggt ttactttttt aacatgtgtt aaacagagaa aggggtccatg aaggaaagtg 180
 tatgagttgc atttgtaaaa atgagacttt ttcagtggaa ctctaaacct tgtgatgact 240
 actaacaaat gtaaaattat gagtgattaa gaaaacattg ctttgtgggt atcactttta 300
 gytttgacac ctagattata gtcttagtaa tagcatccac tggaaaaggt gaaaatgttt 360
 tattcagcat ttaacttaca tttgtacttt agagtatttt tgtataaaat ccatagattt 420
 attttacatt tagagtattt acactattga taaagtttgt aaataatttt ctaagacagn 480
 ttttatatan gctacagggg gccctgattt tcttattgaa tttggttaga ctag 534

<210> 1311
 <211> 114
 <212> DNA
 <213> Homo sapien

<400> 1311
 aaaatttgta ggagttgtag actacctaaa tttttaagtt atggyatttg gtcataggtt 60
 gactgggtag gtaaagaagg aaacagacaa gaaaatggct tcttgagggtg gcag 114

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<210> 1312
 <211> 95
 <212> DNA
 <213> Homo sapien

<400> 1312
 gggcgggtaa aggtaggccg cgagagcgag gttaggagag gataggaggc cgcagtactg 60
 ctcacacgct ccgctcttct cccactctcg actct 95

<210> 1313
 <211> 519
 <212> DNA
 <213> Homo sapien

<400> 1313
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 acgtttgggt tctgaataaa ttgaactaaa tccaaactat ttcctaaaat cacaggacat 180
 taaggaccaa tagcatctgt gccagagatg tactgttatt agctgggaag accaattcta 240
 acagcaaata acagtctgag actcctcata cctcagtggg tagaagcatg tctctcttga 300
 gctacagtag aggggaaggg attgttgtgt agtcaagtca ccatgctgaa tgtacactga 360
 ttcctttatg atgactgctt aactccccac tgctgtccc agagaggctt tccaatgtag 420
 ctcagtaatt cctgttactt tacagacagg aaagttccag aaactttaag aacaaactct 480
 gaaagaccta tgagcaaatg ggctgaatac tttttttt 519

<210> 1314
 <211> 518
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(518)
 <223> n = A,T,C or G

<400> 1314
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 ccaggagct gaggaacccc gagytccagc ctaaggcagg tggatgaacgt gtatgcagat 120
 ggaaaggaag tggaagacag gcagagtga ccgatcagag ggagaacttc gattctgcgg 180
 gatggcatca ctgcagggaa ggctgctctc cgaatacaca acgtcacagc ctctgacagt 240
 ggaaagnact tgtgttattt ccaagatggn gacttctacg aaaaagccct ggtggagctg 300
 aaggttgtag gtgagcctcc aggttttnt ctgagaacac ttctctgtag gatctanagc 360
 agatgcagag tccctcttcc aaaagtactg cagacactcc tggctgctca ctagcaatng 420
 tctgcactgc ctcccaactn agcttctctg caacccttaa gaaagacaca ttctttcttt 480
 agaaagaatt cctgctgnac cttacatgcc gaagtaaa 518

<210> 1315
 <211> 360
 <212> DNA
 <213> Homo sapien

<400> 1315
 tctgtgcatc caatttatta tagwtttgta agtaacaata tgtaatcaaa cttctaggtg 60

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acttgagagt	ggaacctcct	atatacattat	ttagcaccgt	ttgtgacagt	aaccatttca	120
gtgtattgtt	tattatacca	cttatatcaa	cttatttttc	accagkataa	watcttratt	180
tytacgacct	atcattctga	atcaagmaca	ctgtatgttc	agtaggttga	actatgaaca	240
ctgtcatcaa	tgttcagttc	aaaagcctga	aagtttagat	ctagaagctg	gtaaaaatga	300
caatatcaat	cacattaggg	gaaccattgt	tgtcttcact	taatccattt	agcactattt	360

<210> 1316

<211> 277

<212> DNA

<213> Homo sapien

<400> 1316

aaaaaacacg	tttgttatta	ccaaawagag	acggcttttag	gtaaaaataa	taaaaaccct	60
ttgcttgyat	tacytatgca	ratagttsta	tttatctggw	cwacgggyta	aaggyacagy	120
actataggwc	tctggcttga	gtmtttacgt	tcattttctta	ttgctggaat	ktcatatttc	180
ttcttggttg	atgactaaac	cggatgatgg	tagagatggg	aagccggcat	ttactcagcc	240
ccgccttgct	cagcctcggg	agcggacgaa	ttctcag			277

<210> 1317

<211> 716

<212> DNA

<213> Homo sapien

<400> 1317

aaaatgttct	cttgagacta	gtaggcatag	aagaaagcag	aaggaaaata	aatagaaaga	60
aggtcttcta	ccttcatggc	tattcagggt	caggagggtg	gagagaaaaa	gaaggaggac	120
aatgaacaa	gacagatgag	ggagacatcc	tctctgatat	aagatacagt	cctctctggg	180
ggatggagtc	caatttgtgt	aacttcctat	gtattttcct	agataggacc	accactattt	240
gagaaaatat	ctcactggta	acctaaagcc	aaggataata	aaccttgata	tacttaacat	300
tcaatttctt	tccagcaatg	tgataaataa	atctatcttg	tgtttctctt	gcagattgta	360
aaagcattag	aacattttaca	tagtaagctg	tctgtcattc	acagaggtaa	gcacccatga	420
cctgccttgg	ctgttccttt	gataaagttc	atctctttca	cctggagtcc	gtctctaccc	480
gcagtcctcc	atgggtggaa	gtagaattga	ctcaggcaag	agaactaagg	ggctttcctt	540
tgagattgga	tagcaaacca	tataagtagt	attccttatc	atggctgagg	acataagaag	600
aagacgtgat	ctttgtctta	catccaaatt	gaatataaac	acttggtagc	aagcagaact	660
atgagatcat	atcattgaga	attttagaga	atatgataaa	aattgatctt	gtctgg	716

<210> 1318

<211> 515

<212> DNA

<213> Homo sapien

<400> 1318

aaagctgtat	catgttgagt	aaacctgacc	tgagccagcg	gtttaaggcg	attttgctcg	60
atgaaggcca	agacgtgaac	ccggctcattg	ccgacttggg	aaggatacag	cgcatctgca	120
aagtaaccgt	cggcgaccct	caccagcaga	tttaccgttt	ccgtggtgcc	gaagacgctc	180
tcaacagcga	ttggatggcc	gatgcagagc	gtcactacct	gaccagagc	tttcgcttcg	240
gtccagcagt	cgcgcattgtg	gctaacatca	tactttttta	caagggtgaa	actcgaaagc	300
tgcaagggtt	aggcccaaaa	accagggtta	aacgtgcgct	tcctgaagac	ctaccgcac	360
gcacatacat	ccatgcgacg	gttaccggcg	tcataagaaa	cgcgcttagc	ttggtagcga	420
gcaatccaaa	gatctatttg	gtagggtggca	tcgacagtta	ttcattgcgc	gacctggaag	480
acttgatatc	gttcagccgc	aaccaaaacc	aagcc			515

<210> 1319

cggtctcccc	cttagatccg	cgctatcgtg	aggtccacta	tgtcctgctg	gatccttcct	120
gcagtggctc	gggtgagatg	gtgagaaggc	gtggctgagg	gactcagagg	tccacagcag	180
cttagacctg	gagtcattctg	ttttgggtctt	agttctgaca	ctttaatggg	cttgggaccc	240
tggagcaaaa	gttctcctct	gtgaagcgag	gatttcagga	gcgaggattt	caggactgag	300
gcagcctgtg	aagctgtgta	accgagacac	gcttttcctt	aggtatgccg	agcagacag	359

<210> 1324

<211> 258

<212> DNA

<213> Homo sapien

<400> 1324

caatcacaca	accacaaaaa	agatactgtg	tgctctcact	ttccaaaatt	ctgcctgggc	60
tmctcctgag	gaaagyagtg	atatggtagc	tggtgtggat	cccctaaagg	aattataaga	120
tggartgyga	rgaacattat	cttagactat	aakactgkct	gcatrccrgat	atgktstcra	180
agattattcc	tgctgcraat	aaagakmttg	skaaagagca	rtatasagct	atcacagtct	240
attgacccam	asatgttt					258

<210> 1325

<211> 534

<212> DNA

<213> Homo sapien

<400> 1325

ctgtccaatg	gcaacaggac	cctcactcta	ttcaatgtca	caagaaatga	cacagcaagc	60
tacaaatgtg	aaaccagaa	cccagtgagt	gccaggcgca	gtgattcagt	catcctgaat	120
gtcctctatg	gcccgatgc	ccccaccatt	tcccctctaa	acacatctta	cagatcaggg	180
gaaaatctga	acctctcctg	ccacgcagcc	tctaaccac	ctgcacagta	ctcttggttt	240
gtcaatggga	ctttccagca	atccacccaa	gagctcttta	tccccaacat	cactgtgaat	300
aatagtggat	cctatacgtg	ccaagcccat	aactcagaca	ctggcctcaa	taggaccaca	360
gtcacgacga	tcacagtcta	tgcagagcca	cccaaaccct	tcatcaccag	caacaactcc	420
aaccccgtgg	aggatgagga	tgctgtagcc	ttaacctgtg	aacctgagat	tcagaacaca	480
acctacctgt	ggtgggtaaa	taatcagagc	ctcccgggtca	gtcccaggct	gcag	534

<210> 1326

<211> 177

<212> DNA

<213> Homo sapien

<400> 1326

ctgcattatg	tgtgtttaga	acgagaagtt	gtttgtacag	tattttttcta	ttgaccgctt	60
ccgtcttgcc	tgaaacctgg	gcattctttc	caatagacag	aaaatcagag	agtcaaactc	120
gatgcgcaat	gagttgttct	gagaccagta	atccacggtg	ctgcaatttg	ggtttttt	177

<210> 1327

<211> 266

<212> DNA

<213> Homo sapien

<400> 1327

aaacttgttt	tatctaatac	tgagcactgt	ttttttgtca	agtatttttt	taagaccaca	60
taattctttt	tgtctgctca	aggaaaggat	agataaataa	ttggcacaca	tttgtttctc	120
actgaatttt	acagtagtaa	attaatgtta	taatgtacca	catggagatg	agtttggaag	180
aatcatcta	gttccagagc	ccagggatta	taaacagtag	gtgaaataga	tttatgactt	240

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acgaaatatg ttgtgacaat atattt

266

<210> 1328

<211> 409

<212> DNA

<213> Homo sapien

<400> 1328

ctgtccaatg	gcaacaggac	cctcactcta	ttcaatgtca	caagaaatga	cgcaagagcc	60
tatgtatgtg	gaatccagaa	ctcagtga	gcaaaccgca	gtgacccagt	caccctggat	120
gtcctctatg	ggccggacac	ccccatcatt	cccccccag	actcgtctta	cctttcggga	180
gcgaacctca	acctctcctg	ccactcggcc	tctaaccat	ccccgcagta	ttcttggcgt	240
atcaatggga	taccgcagca	acacacacaa	gttctcttta	tcgcaaaat	cacgcaaat	300
aataacggga	cctatgcctg	ttttgtctct	aacttggcta	ctggccgcaa	taatccata	360
gtcaagagca	tcacagtctc	tgcatctgga	acttctcctg	gtctctcag		409

<210> 1329

<211> 136

<212> DNA

<213> Homo sapien

<400> 1329

ccattttcgc	acagtccacc	ataaaattga	aaagattgac	cagagacaga	tcattggagg	60
cttggcaatc	tgtactgatg	aagccatgga	ccagaagaga	agtgaagtaa	tgaagagagt	120
ttctcttttc	acatgg					136

<210> 1330

<211> 311

<212> DNA

<213> Homo sapien

<400> 1330

ctgctaacag	ccctaacggt	gcaacacaag	tacaaactca	ggaacctctt	cgactgccac	60
gcccttcacc	aacagaagga	agacagtggc	gccaccacaa	gtggcagggc	acaggggctt	120
ctgtgacaac	aatatgtcct	tctagtatac	attcattgca	aaggctgcc	tgaagtttgc	180
tttttgga	taactgttat	catacatttt	gtatgatgtt	gcttgtgggc	accatgaaga	240
gagcctggct	gtaaaggaca	gagggagcta	aaccaacaat	gcatggccct	gcgtgcccac	300
aagagggagc	c					311

<210> 1331

<211> 613

<212> DNA

<213> Homo sapien

<400> 1331

ctggggccakg	agctgtgccc	ggtgcctgca	gccttcataa	gcacacacgt	ccattcccta	60
ctaaggccca	gacctcctgg	tatctgcccc	gggtccctc	atccacacct	catccggagt	120
tgcccaagat	gcatgtccag	cataggcagg	attgtcgggt	ggtgagaagg	ttaggtccgg	180
ctcagactga	ataagaagag	ataaaaattg	ccttaaaact	tacctggcag	tggttttgct	240
gcacggctctg	aaaccacctg	ttcccaccct	cttgaccgaa	atttccttgt	gacacagaga	300
agggcaaagg	tctgagccca	gagttgacgg	agggagtatt	tcagggttca	cttcaggggc	360
tcccaaagcg	acaagatcgt	tagggagaga	ggcccagggg	ggggactggg	aatttaagga	420
gagctgggaa	cggatccctt	aggttcagga	agcttctgtg	caagctgcga	ggatggcttg	480
ggccgaaggg	ttgtcttgcc	cgccgcgcta	gctgtgagct	gagcaaagcc	ctgggctcac	540

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agcaccceaa aagcctgtgg cttcagtcct gcgtctgcac cacacaatca aaaggatcgt 600
 tttgttttgt ttt 613

<210> 1332
 <211> 591
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 1332
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 ccaacatctg cctgctatct ggtgcatcac ccaagggtgac caatggctgg gcacaaataa 120
 acttctcttt tgctagccac agagttgctc actgtggcaa gcctgagctg gtcagaacac 180
 ctgtgtgtgt gttcctgata cacactaacc acaataagca agtctgcaca catctctatg 240
 agcccatgc aaagacaaga cattcccaaa gatcagtcac tagagtgcaa caacgaaatt 300
 caagatttga ccaaaacaga ccctgctgcc tcctaaattg ccaattgcct ctcaaaaact 360
 tacagaaaaa gggacattat aagaattcat agagggagag aagaaaaagc tgctactcct 420
 agtcattagt acaatgtgct gtgttaatta gatacctcta tataaattag aaaaagtgct 480
 ttacttgcac gcttcaataa aatgaatact gagtgtcgta gtgttagatc tgtacagata 540
 taaatTTTTT gcagctatat aaaagtgtat aagatgggct tttgcatttt a 591

<210> 1333
 <211> 379
 <212> DNA
 <213> Homo sapien

<400> 1333
 ctggtacaaa ggcgaaagag tggatggcaa cagtctaatt gtaggatatg taataggaac 60
 tcaacaagct accccagggc ccgcatgcag tggctgagag acaatatacc ccaatgcatc 120
 cctgctgac cagaacgtca ccagaaatga cacaggattc tataccctac aagtcataaa 180
 gtcagatctt gtgaatgaag aagcaaccgg acagttccat gtatacccg agctgcccac 240
 gccctccatc tccagcaaca actccaacc cgtggaggac aaggatgctg tggccttcac 300
 ctgtgaacct gaggtcaga acacaacct cctgtgggtg gtaaatggc agagcctccc 360
 agtcagtccc aggtgcag 379

<210> 1334
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 1334
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 tatcttaata tatccccgaa ctgggttagga tagatacaaa tagatttttt ataataaaaa 120
 attcacaaaa gattggaagc attctataat gaaaatggta gaaaagacag tgtgagggaa 180
 gccatggggg ttgggaatcg ggccctggag gagaagcaga gtttcaaagg gctgagaata 240
 gcatagtttc actgtaaacc aatgtctaca gcttattggg gtgggggcta ctgagacgaa 300
 agacaccaac tcgtttctag agggctaaga actgcacttt aagaaagggc ggggaggtga 360
 agggacccga gcaagaactt tcag 384

<210> 1335

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<211> 555
 <212> DNA
 <213> Homo sapien

<400> 1335

aaattagttg	ctataaattc	atcaataactt	tttttcctta	ttatatTTTT	ggttctatta	60
ggatttactt	aactgaatct	tataacaatt	cgagggtgaac	tgtggcaatg	aaaaccagaa	120
acagttaatg	agatgcttca	gctcacagtt	tgaagtgctg	agaacctaa	tattttgctg	180
tacggtagctg	agctgtacca	aaatatgatg	gttttaggtt	atgtgcaaga	ctttgtgttg	240
tagtctagac	aaaggggtgg	gcaagagaca	tgcaaagctg	aagccctgct	tgaaaagacc	300
cttcaaggaa	gtaaaatggc	aggggcagag	tgcaagctta	catgttgcta	tccctgttgt	360
ttttgagttg	gttttggaat	ggattcaagt	tcttacacaa	tttattttga	atacaagcat	420
aatctaggtg	atttgagtta	atgaacttct	tttcatgatg	tagggaaaagc	tgaatgtata	480
tatttctaag	aagaatttgt	ttagcagatt	acaagttggc	aaaatagact	gttcacagaa	540
actaggcaaa	aattt					555

<210> 1336
 <211> 505
 <212> DNA
 <213> Homo sapien

<400> 1336

cctggaaaga	agcccagcaa	aaggttccag	atgaagaaga	aatgaagag	agtgacaacg	60
aaaaggaaac	tgaaaagagt	gactccgtaa	cagattctgg	accaaccttc	aactatcttc	120
ttgatatgcc	cctttggtat	ttaaccaagg	aaaagaaaga	tgaactctgc	aggctaagaa	180
atgaaaaaga	acaagagctg	gacacattaa	aaagaaagag	tccatcagat	ttgtggaaag	240
aagacttggc	tacatttatt	gaagaattgg	aggctgttga	agccaaggaa	aaacaagatg	300
aacaagtcgg	acttcctggg	aaagggggga	aggccaaggg	gaaaaaaaca	caaattggctg	360
aagttttgcc	ttctccgcgt	ggtcaaaagag	tcattccacg	aataaccata	gaaatgaaag	420
cagaggcaga	aargaaaaat	aaaaagaaaa	ttaagaatga	aaatactgaa	ggaagccctc	480
aagaagatgg	tgtggaacta	gaagg				505

<210> 1337
 <211> 385
 <212> DNA
 <213> Homo sapien

<400> 1337

ctgggtgctag	tcagagctaa	tgacagaatt	tcagtTTaat	aaaaagaccc	ccaactgagc	60
acaccatctt	gaaaaaagta	tacttatcaa	acagctttca	atcagttcaa	gagagacacc	120
ttaattgggg	agaggaagaa	ttgcagagta	gtttgtaatc	atgccaattc	cagatcaata	180
actgcatgtc	tgttcttttg	tagaaatagc	ttttgcttta	tattaagtaa	tcacatatat	240
attctctcta	tttgataag	gaaacottcg	ctttatttga	caatgtataa	tgatatactc	300
ttctaattca	cctctgtgtc	ttcacaataa	acatgagtaa	aatttagaca	agtgatggta	360
aaggtcaata	taattattta	ttttt				385

<210> 1338
 <211> 350
 <212> DNA
 <213> Homo sapien

<400> 1338

aaaggtgata	ttacacaaaa	cctcgtcttt	tgttcaactt	tggatccatt	ggcaattcaa	60
tggcctcaat	ctcccaaac	tcgccaaagt	actccctgat	cttttcctca	gtggcttcag	120

gattcagacc	cccaacgaag	atthttcttca	ccgggtcctt	cttcataagcc	atggcctttt	180
taggggtcaat	gacacggcca	tccagcctgt	gtcctctctg	gtctaggacc	ttctccacac	240
tggctgcata	tttgaacagg	ataaacccaa	accctcttga	ccgtccagt	ttgggatcca	300
tttttattgt	acagtcaacg	acctctccaa	atthtagtaaa	atagtctttt		350

<210> 1339
 <211> 443
 <212> DNA
 <213> Homo sapien

<400> 1339						
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cctgagtaat	catatcagga	tgcatgttaa	gctgataaaa	caataagatc	ccaaaatgca	120
gtagctcaaa	aaaagtagaa	gttaatttat	ctcctggggg	acagctctgg	ttctcaaatt	180
ttacaggctc	agaatcacct	gcagggtctg	tgaaagtaca	gattgctgcg	ctccgcccc	240
agagtthctg	atthtagtagg	tgtaggctg	aaccaagaat	ttgcctttct	aacaagctcc	300
caagtgatgc	tgatgacttg	taggaatgga	tttacttcta	ggattagact	tcagctcact	360
ctgtttgctg	aactctttct	aatatttctt	aagttagtag	actcyctgct	ccaggttctc	420
aacgtgaagg	aaggaacccc	cag				443

<210> 1340
 <211> 273
 <212> DNA
 <213> Homo sapien

<400> 1340						
cctcaggaac	aggtaggggc	agcagaatag	aatagcatcc	atthcccaga	gaaagactgc	60
ctttacatkt	cccattgctt	tagcacaaa	cagcgtctgg	gccactgtta	ccagaggtga	120
gtttatacat	ttacaaaatg	cttaaaaatct	ttgggaagca	agaggaagct	aaacagaagg	180
tcccatgtta	actgaaggca	aattcactca	acctctctag	taaggggacc	atgggcctac	240
agagtgttcc	ctctacaatg	tcagagtggt	aaa			273

<210> 1341
 <211> 561
 <212> DNA
 <213> Homo sapien

<400> 1341						
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tcaggcccgg	ctaactctgg	caccccggtat	cgaggacaag	tgagagagca	agtgggggtc	180
gagactttgg	ggagacggtg	ttgcagagac	gcaagggaga	agaaatccat	aacaccccca	240
cccaacacc	gccaagacag	cagtcttctt	cacccgctgc	agccgttccg	tcccaaacag	300
agggccacac	agatacccca	cgttctatat	aaggaggaaa	acgggaaaga	atataaagtt	360
aaaaaaaaagc	ctccgggttt	cactactgtg	tagactcctg	cttcttcaag	cacctgcaga	420
ttctgatttt	ttgtttgttg	ttgttctctt	ccattgctgt	tggtgcaggg	aagtcttact	480
taaaaaaaaaa	aaaaaatttt	gtgagtgact	cgggtgtaaaa	ccatgtagtt	ttaacagaac	540
cagaggggttg	tactattgtt	t				561

<210> 1342
 <211> 159
 <212> DNA
 <213> Homo sapien

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<400>	1345						
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tggactactt	ggcaacttta	tgtctgggag	caagttactt	aacctcccca	agcctgtgtc		240
tgtgaaatgc	gggtaaatga	atgtagatgt	ttggcagcag	ctactccttg	ttgagctctc		300
acagtgaact	ctcctgcctc	tgccctcctt	ccccgcctcc	cctggtgcct	agcgtcaggt		360
ctagccactt	cctcctgggc	ccctctccct	tttctgtggc	tggctgcctg	ccgcctggc		420
gctggacctt	tcatgtaacg	ggaatcagca	tgtatatctt	ggtctggtct	gtttctacac		480
ttaattttgt	ttccagtagt	atttcctgt	accggcagag	ttcacaaaca	catttgaaga		540
ggctttttct	caggattctt	aaccttccaa	aggaagtccc	atggatgggt	ttctagaagt		600
ctataaatgc	tctgaaattg	tatttttctg	tggaaaagca	taacttttat	ctgcttggtc		660
gtgctcaaaa	aaagatcatg	aatggaatga	attgcattga	attttatgcc	attgggggct		720
taataactaaa	aggatatgga	ag					742

<210> 1346
 <211> 573
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 1346
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 atcataagca gaggagcatc tgtattgcgt aatttgactg gcacagttaa ttaggttctg 120
 ttcagtgwtt tccgtcaaca agatgtttat tgtgtgagta aacaaggtta gccctgtgac 180
 aagctgaata agaatagtct ctcttcagca gcttatagta aacaagggtta gtaatcctta 240
 cattagtggc tagactatca aacgaaatat ataacatgta agaacactaa agacagaatt 300
 actgtggcat agagatagtt agaattgctt cagcctaaga gatgaattag gtaatgcaag 360
 gaggtgaata tgttggcctg caatatgaac aaggcagaga gctgggagag taagatgtaa 420
 gttgctaagg agggatgtgt cttgagtttg gaaaccataa agggaaatca taggtaatgc 480
 tagagtcact gatcttangg agccttgaat aacggtgatg actaaggga tctttatttt 540
 ggnngggacta ttggaattaa attggccaga att 573

<210> 1347
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 1347
 cctggtttct ggtggcctct atgaatccca tgtaggggtgc agaccgtact ccatccctcc 60
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 gtgtagcaag atctgtgagc ctggctacag cccgacctac aaacaggaca agcactacgg 180
 atacaattcc tacagcgtct ccaatagcga gaaggacatc atggccgaga tctacaaaaa 240
 cggccccgtg gagggagctt tctctgtgta ttcggacttc ctgctctaca agtcaggagt 300
 gtaccaacac gtcaccggag agatgatggg tgg 333

<210> 1348
 <211> 185
 <212> DNA
 <213> Homo sapien

<400> 1348
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 acagttaaaa gggacagctt acttgctctc tgtctcaggt ttaacttctc acctgaaatc 120
 tctcatagcc ctaattaaac acaaacaaaa gtctcttcca tagataggct acttctcagc 180
 ttcag 185

<210> 1349
 <211> 171
 <212> DNA
 <213> Homo sapien

<400> 1349
 gcggcagcga ggggctcgga gaggtgctcg gattctcgta gctgtgccgg gacttaacca 60
 ccaccatgtc gagcaaaaaga acaagacca agaccaagaa gcgccctcag cgtgcaacat 120

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ccaatgtgtt tgctatgttt gaccagtcac agattcagga gttcaaagag g 171

<210> 1350

<211> 400

<212> DNA

<213> Homo sapien

<400> 1350

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acctgggaaa	ggttatatta	tcacagttac	acttgagttc	ttggcaggca	ggactgagga	120
agagtaattt	gaaagaagtt	ttacatccta	tttagaagaa	atcactagta	tttccttaaa	180
taacaggtta	caatagaaa	atactgcctg	gaagttatcc	tttcactttg	gttcattttt	240
agtttttctt	tatgatttac	atagctgttt	aattcatttg	cttatagtac	aatcctgcca	300
taaagtatta	aagcacaaga	tacctattat	tccttcaaca	tctgcatttt	tcaagtttta	360
tactctacat	ccacagtacg	tcagcagttc	ttgaatgttt			400

<210> 1351

<211> 309

<212> DNA

<213> Homo sapien

<400> 1351

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gctcacctgg	ttggctcatc	aaacctggca	accctgtggc	ctgtctgccg	gagctgactg	120
gatccactca	tcaattcttc	gtccccacta	ctaagactgg	gcatgttttg	ctggtgtggt	180
ctctgcactt	caggaatggg	cacaacaggg	ggtagccctc	aaaagcactc	ctttttctat	240
acctcttctc	aaggccatgt	aagttgcccc	tctctacctg	gctgtggaca	aaaggttatc	300
tgctcttgg						309

<210> 1352

<211> 268

<212> DNA

<213> Homo sapien

<400> 1352

ccacttcatc	tgtgtgggaa	cgtgggtcagg	ccgggtgctg	gtgtttgaca	tcccagcaaa	60
gggtcccaac	attgtactga	gcgaggagct	ggctgggcac	cagatgccaa	tcacagacat	120
tgccaccgag	cctgcccagg	gacaggattg	tgtggctgac	atggtgacgg	cagatgactc	180
aggcttgctg	tgtgtctggc	ggtcagggcc	agaattcaca	ttattgaccc	gcattccagg	240
atttggaagt	ccgtgcccct	ctgtgcag				268

<210> 1353

<211> 620

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 1353

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cgtgaaagaa	aactcatcta	aggatctaaa	aaaatcattc	aagagcccag	agcccaggct	120

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ctttactcct	gaagaattct	ttagaatttt	taatagatcc	attgatgcct	tcaaggactt	180
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ttccagagtc	agtgtcacaa	aaccatttat	gttaccacct	gttgacagca	gctcccttag	300
gaatgacagc	agtagcagta	ataggaaggc	caaaaatctc	cctggagact	ccagcctaca	360
ctgggcagcc	atggcattgc	cagcattgtt	ttctcttata	attggccttg	cttttggagc	420
cttatactgg	aagaagagac	agccaagtct	tacaagggca	gttgaaaata	tacaaattaa	480
tgaagaggat	aatgagataa	gtatgttgca	agagaaagag	agagagtttc	aagaagtgtg	540
attgnggctt	gtatcaacac	tgttactttc	gtacattggc	tgggaacagt	catgtttgct	600
ttcataaatg	aagcagcttt					620

<210> 1354

<211> 398

<212> DNA

<213> Homo sapien

<400> 1354

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cagagctcta	tatttaattt	aggtcaaatg	ctttccaaaa	agtaatctaa	taaatccatt	120
ctagaaaaat	atatctaaag	tattgcttta	gaatagtgtg	tccactttct	gctgcagtat	180
tgctttgcc	tcttctgctc	tcagcaaagc	tgatagtcta	tgtcaattaa	ataccctatg	240
ttatgtaaat	agttatttta	tcctgtgggtg	catgtttggg	caaatatata	tatagcctga	300
taaacaactt	ctattaaatc	aaatatgtac	cacagtgtat	gtgtcttttg	caagcttcca	360
acagggatgt	atcctgtatc	attcattaaa	catagttt			398

<210> 1355

<211> 371

<212> DNA

<213> Homo sapien

<400> 1355

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gccagagcct	ggggatgggg	cagaagggtgc	agcaggaagg	aagggttagag	tgagaaaaat	120
ttccaaataa	ggggtgatgt	gtgagtgtc	agaggggtgac	tgaggacatc	tccagcattt	180
ccattgagga	gggaggaagg	agggggccctt	gggttctggg	gcagatgccg	gcagggtctg	240
gatgagatgc	ccccaacctc	aaccctgggtc	ctctgaaaac	acttcaccca	gtcacactga	300
ggagcccctc	caggcccagg	ggcccctcca	ggtaggcgta	tctcagctcc	tctctggaag	360
gacccccaca	g					371

<210> 1356

<211> 338

<212> DNA

<213> Homo sapien

<400> 1356

gcggcgcggg	cgggcggtaaa	atgtcgggtc	caggacctta	ccaggcgggc	actgggcctt	60
cctcagcacc	atccgcacct	ccatcctatg	aagagacagt	ggctgttaac	agttattacc	120
ccacacctcc	agctcccatg	cctggggccaa	ctacggggct	tgtgacgggg	cctgatggga	180
agggcattgaa	tcctccttgc	tattataccc	agccagcgcc	catccccaat	aacaatccaa	240
ttaccgtgca	gacgggtctac	gtgcagcacc	ccatcacctt	tttgaccgc	cctatccaaa	300
tgtgtgtgcc	ttcctgcaac	aagatgatcg	tgagtcag			338

<210> 1357

<211> 159

<212> DNA

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<213> Homo sapien

<400> 1357

ctgggctgct	gcctctggag	tacttccccg	cagctcctca	ttgctcacat	agtaggcaat	60
ggcggttgctc	tcaaacacac	agaatccatc	atcacctca	aatgctggga	ccttgccggc	120
aggaaatttg	cggagaaatt	caggggtgcg	gttggtttg			159

<210> 1358

<211> 306

<212> DNA

<213> Homo sapien

<400> 1358

cctgtcagag	tggcactggt	agaagttcca	ggaaccctga	actgtaagg	ttcttcatca	60
gtgccaacag	gatgacatga	aatgatgtac	tcagaagtgt	cctggaatgg	ggcccatgag	120
atggttggtc	gagagagagc	ttcttgctct	gtctttttcc	ttccaatcag	gggctcgctc	180
ttctgattat	tcttcagggc	aatgacataa	attgtatatt	cggttcccg	ttccaggcca	240
gtaatatgtag	cctctgtgac	accagggcgg	ggccgagggg	ccacttctct	gggaggagac	300
ccaggc						306

<210> 1359

<211> 382

<212> DNA

<213> Homo sapien

<400> 1359

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tccttagatc	actggttcaa	ggagggatct	ggtaggggca	gcatttcttc	tgggctggaa	120
acagaatggg	ggtttcaaga	tggcagaacc	attccattat	tggagctata	agcccctaga	180
attgctccat	ggcctatctc	ggtttccctt	ggatctcctc	tgctcctgaa	ctgcacctgt	240
catggcaagt	ccatctccgg	cccccatctc	ccctgagcca	atgtgagtca	ggtgaacaaa	300
attcattggt	tcccaatca	tgggtccggc	aatccgtctt	ctcttcttct	ttcttctcca	360
ccatccagac	gttcagctac	ag				382

<210> 1360

<211> 365

<212> DNA

<213> Homo sapien

<400> 1360

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ggaacttcca	tattttcaca	gccatctccg	aaagcagcag	ttgctgtaaa	ttaactgaga	120
cttggaatg	gtgcagactg	tcttggtaga	gctgttctta	tagcacaatt	ttatctggaa	180
aataaacttg	taaatgcgtg	ctgtatatta	atacatgtgt	gcccataatt	atttttatta	240
tctcctgcca	gtctttgctc	aatgggagat	gacagaccaa	cttctcaacg	tgatttcccc	300
atttcattga	atgacattta	tatgccactt	atgaaaaaaa	tactgctgtg	aaagaaatgt	360
acttt						365

<210> 1361

<211> 502

<212> DNA

<213> Homo sapien

<400> 1361

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gaggatgga	aaaatatcaa	caaggaaata	ttagatttga	actgctgctt	cgttagcaca	60
cagcacattc	tccaggatat	accatatggt	aggacacaaa	acgggtctca	ataaattttt	120
aaaagtcaaa	atcttatcaa	gtatcttctc	agaccacaat	ggaataaaac	tggaaatcaa	180
taacaagagg	aacttctgaa	attgaacaga	tacacggaaa	tcaaactaca	tggtcctgaa	240
tgaccactgt	gtctatgaag	aaattgattt	taaaaattta	aaaattcttt	gaaacaaatg	300
aaaatagaaa	cacagcatac	aaaaatgtat	agggtagaac	aaaagaagtg	ctatgaggga	360
catttatctc	aataaacacc	cacatcaata	aggtagaaag	tttttaaaca	aataacctaa	420
taaacgcata	tcaaggaact	agaaaagcaa	gaacaaatca	aacctaaaat	tagaaggaaa	480
taaatagtaa	agatcagagc	ag				502

<210> 1362

<211> 545

<212> DNA

<213> Homo sapien

<400> 1362

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ggatggagga	ggcgtaagca	gaaacactaa	cagtatactg	acctcttagc	agaaccgctt	120
ccatttctgga	gatcacggct	gctaaatcca	gcataccccc	ttcattttac	ccccagcata	180
ttgttctgta	gtcttttctt	gaaacatctt	gattgctttt	cctcggcagc	tttcaaaaaa	240
ccaaataata	atagttatcc	gtcttctact	tcatggaaga	ttgttttggg	gccctgaccc	300
tctgaagtgc	ccagttcctg	ccatctgaaa	cctcggcctg	atctgatctc	atgttggaat	360
ctgcctgtct	ttcacacagg	gctggtcttg	gtcctttaca	tgccagtttt	gcttgtgaat	420
tcttgctttt	ttcctctcat	cagccttaag	tttaggcgtt	tggtgttctc	cagtgatgta	480
gacagttccc	ttcacaagtc	acagttcttc	ccataaatga	ggcccgcgtg	cctctgcggg	540
acttt						545

<210> 1363

<211> 286

<212> DNA

<213> Homo sapien

<400> 1363

gggagatgca	ggatgtagac	ctcgtgagg	tgaagccttt	ggtggagaaa	ggggagacca	60
tcaccggcct	cctgcaagag	tttgatgtcc	aggagcagga	catcgagact	ttacatggct	120
ctgttcacgt	cacgctgtgt	gggactccca	agggaaaccg	gcctgtcatc	ctcacctacc	180
atgacatcgg	catgaaccac	aaaacctget	acaacccccct	cttcaactac	gaggacatgc	240
aggagatcac	ccagcacttt	gccgtctgcc	acgtggacgc	ccctgg		286

<210> 1364

<211> 503

<212> DNA

<213> Homo sapien

<400> 1364

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ggttacaggg	cctgacgtca	ctaacggtaa	ctgacaatct	tggaatggac	cctactgctg	120
atgtttcaaa	aggacacaga	ggtgaactgg	tcacttctaa	ttaagaagag	ccagtggggt	180
gggggaagct	gaaaaccaaa	aatccacgta	gacatacgtg	gcagtgtgaa	cgtctgtcct	240
ccccttcctt	ctcctcactt	cctctcctcc	tcctcactca	ggctggtatt	ctcctgggtg	300
gcggatgtca	gcttgccctg	cagaagggct	gccagttttt	tagatgtctt	tttgagaaac	360
gagctgccc	gatgggcaact	gttcacgtgc	aggtacaggt	cctcctgggt	ggggcccgtg	420
tagccgcaat	cctcgcagac	gtagagcttg	tcccgcgcgt	gcttataggc	atactgctgc	480
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<400> 1365

<400> 1366

<400> 1367

<400> 1368

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<210> 1369
<211> 429
<212> DNA
<213> Homo sapien
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<400> 1369

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gaagggaaat	gagaacgaca	aaactgaagt	gcacttcaac	atcctgcagc	caaaggggta	120
aaaaggagaa	agaagtgcag	accagtcaca	taaatgccac	agtgacatgc	acaaaaacgt	180
gaggggcaca	ctccagggac	agagtctgac	aacatgacaa	gctacatggc	atcaaactct	240
ttcatgtgac	aggcagcttt	tcacatgtgc	atcttaagac	tggaacttgc	tatagataaa	300
ccttaagtag	ttaataaaaag	caaaagtcac	cctctattca	ctgtttgctg	ccatgttcca	360
ggcatagtag	ttggcacttt	ttattttatt	tcacttgatc	agctcagaaa	gtcctccaaa	420
tgagtatttt						429

<210> 1370

<211> 540

<212> DNA

<213> Homo sapien

<400> 1370

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gtccgtagat	tggaatcgcc	ctgaagatgt	agaccctcaa	gggatttatg	tcatatctgc	180
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tattttgcat	ccctcttacc	gttttgagct	acctgccatc	ttctctttga	aaaacctatg	420
ggcttgagga	ggtcacgatg	ccgactccgc	cagagctttt	ccactgattg	tactcagcgg	480
ggaggcaggg	gaggcagagg	ggcagcctct	ctaattgcttc	ctactcattt	tgttttctagg	540

<210> 1371

<211> 142

<212> DNA

<213> Homo sapien

<400> 1371

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gcttgtttgg	agtcgggatt	cccctttccc	aaacatgcgt	ctcgccactt	ggacagcagc	120
catttgtagt	cgtatacttt	tt				142

<210> 1372

<211> 377

<212> DNA

<213> Homo sapien

<400> 1372

ccaccatctg	tgcaagtagc	caaaaccact	cctttttaaca	cgaggagacc	tgtgatgctg	60
gcctgctatg	tgtggggctt	ctatccagca	gaagtgacta	tcacgtggag	gaagaacggg	120
aagcttgcca	tgccctcacag	cagtgcgcac	aagactgccc	agcccaatgg	agactggaca	180
taccagaccc	tctcccattt	agccttaacc	ccctcttacg	gggacactta	cacctgtgtg	240
gtagagcaca	ttggggctcc	tgagcccatc	cttcgggact	ggacacctgg	gctgtccccc	300
atgcagaccc	tgaaggtttc	tgtgtctgca	gtgactctgg	gcctgggcct	catcatcttc	360
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<210> 1373

<211> 504

<212> DNA

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<213> Homo sapien

<400> 1373

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cgtgcagact	gaccttcaat	ctcatctcaa	tgctctcacg	aagttgttcc	accagctctt	180
tctcttctct	catctgctcc	atcttctctc	ggattgtaaa	ctgcgggtct	atagattcca	240
aatttctctg	aggtcttaga	aacacagact	cagaaatcaa	atgaggatgt	ctcagaaagg	300
agtcactttt	ccagaggcag	gctgccccct	aactcagccg	agcagcagga	accactgggg	360
ccaaagctat	tttatcttcc	ttaggtaaaa	aaaaatcaat	agaatatttc	ttccccgctt	420
acatgctccc	accactgatg	aacgcgatct	tcagcaagaa	gaactttgag	tccctctccg	480
aagccttcag	cgtggcctct	gcag				504

<210> 1374

<211> 201

<212> DNA

<213> Homo sapien

<400> 1374

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cttcagtgtt	tttttgtcag	ttgtgggcaa	gctgcgacgt	ggggccaagc	ctgagggcaa	120
ggctataata	gatgaatttg	agcagaagct	tcgggcctgt	cataccagag	gtttggatgg	180
aatcaaggag	cttgagattg	g				201

<210> 1375

<211> 295

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 1375

ctgtgaggct	gnttccaagg	aggaaaacaa	ggaaaaaaat	cgatatgtaa	acatcttgcc	60
ttatgaccac	tctagagtcc	acctgacacc	ggttgaaggg	gttccagatt	ctgattacat	120
caatgcttca	ttcatcaacg	gctaccaaga	aaagaacaaa	ttcattgctg	cacaaggacc	180
aaaagaagaa	acggtgaatg	atcttctggc	gatgatctgg	gaacaaaaca	cagccaccat	240
cgtcatgggt	accaacctga	aggagagaaa	ggagtgcgaag	tgcgcccagt	actgg	295

<210> 1376

<211> 318

<212> DNA

<213> Homo sapien

<400> 1376

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ggggaggcga	tgacagtggg	gcagaagcct	gccccaaagg	cagaagtga	gtggcaaggg	120
aggctcatct	tcattgaggt	ggctttcagg	agggcattct	tgatgaggtc	ataggtcacc	180
agctcagcac	agttgacaat	ggcattacga	gcaacattgg	gggaggtccc	tttccagagg	240
ccccggaacc	cttctctctg	ggcaatggtc	ttgtaggcat	tgacgggtgt	ttggtatctc	300
cgaccacctc	cagccccg					318

0509649650

<210> 1377
 <211> 143
 <212> DNA
 <213> Homo sapien

<400> 1377
 gtggattccg ytcggggcac cgatctcgcc aagatcctga gtgacatgcg aagccaatat 60
 gaggtcatgg ccgagcagaa ccggaaggat gctgaagcct gggtcaccag ccggaactgaa 120
 gaattgaacc gggagggtcg tg 143

<210> 1378
 <211> 98
 <212> DNA
 <213> Homo sapien

<400> 1378
 aaatattggg aatagggtcg caacagcaac tatagaagta caactcaata gatggcatta 60
 aaacatattg tagtgtggat atatattttt tctttttt 98

<210> 1379
 <211> 330
 <212> DNA
 <213> Homo sapien

<400> 1379
 aaagatgttc acgttacgct ggaccaaatt aagacggctt tctccctctt gctgacgtgc 60
 cccagccgtg ataatgacca gcttggagtt tgcagttaca ttatagtctt tgccagagac 120
 aatctttggg gttctaagga aaaggctgcc atgttggaga tccatcatct ctcccttcaa 180
 tttgtcttcg acgacatcaa caagagcaag ttcattctgcc aagtccttca ttaagatact 240
 gatggcacag gccatgcaa cagcaccaac cccaacaact gtaattctat tctggggggg 300
 ctgttcttcc tttagaagat tataaatcag 330

<210> 1380
 <211> 269
 <212> DNA
 <213> Homo sapien

<400> 1380
 ccactcctgg aaacccactg atagatgagt ttccccatt cttctggcct ccgccacatg 60
 atcaggaagc tggacttgct cttatccaac cactcgaggt tccctttctt cctcagttcc 120
 tctaatacaa tctggatcga ctccacagga agctttcgct gtagcttgac gttgttgaag 180
 agcgggctct cctgagcttc catcacctgc atgctggact gttgtgcag gcggcagaag 240
 gacaggacca gcgagcacca ggcggccag 269

<210> 1381
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 1381
 aaaagagagg aaaggcagtg cagggctgga ggtcctggag ggtggcggcg ggtcgtccta 60
 actagcaggc tgaaagggtgc tggaggggat gccttcactc agaggaagtt cacagccacc 120
 tgccttggaa catgtacctg ttcatctttt cgtaatgtta gtattcattt tgctatcttc 180
 ctgttgccat ttccaaacag tgcagtatg tttttgttaa atacgaacat tt 232

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<210> 1382
 <211> 348
 <212> DNA
 <213> Homo sapien

<400> 1382
 aaacgtgcta aagggaaagg aatctgacat tctgggtaaa tcttactcaa tctaaatcaa 60
 agcttggttt tcaggaggag gaaggtgcga gcgcaggcag aggtgctgaa tactcctctt 120
 ctgattcact tccatcatcc tctttctctt ggtcactgcc ctcagtgcta agccgggtcaa 180
 accctttttcg actgtagccc ttacggcttg caaagaaatt accaagggtt aagcctccac 240
 ttccctttcc tctaaatctt cccagtactc ttctgaact cgtctcgagt ttgtgttcag 300
 aatctccaaa ggcccttgat tttttccacc gaataaatat ggcaatgg 348

<210> 1383
 <211> 293
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 1383
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 ctgaatttcc tccagggaaa gatccttctt ctttgaggagg gaaaggggga attctggaac 120
 agattctttt gaccgagggc tgagaatcag ctcaaaagcc tggcccgagg cacgcttctc 180
 cagttctttc acctggatat cagaagaagc catggtgaat agaagacaag cgacaggcag 240
 tgtattctgc acaatcaact gggataagga aagtcctgct cagtccgagc cgc 293

<210> 1384
 <211> 573
 <212> DNA
 <213> Homo sapien

<400> 1384
 ctgaagcaac ttgggattaa ttgcttgatt agcttcacga agcacagaga taaggtcgct 60
 cacttgcttt atgttattag gtgtaaagaa agtgtatgct gtgcctgttt tgggtactgcg 120
 agcagttctt ccaattcgat gaatataatc ctctgaggag ttagggtagt cataattgat 180
 gacaaatttc acatcttcca catctagccc tctggaggcc acatctgtag caatcagaat 240
 aggagctttt ccatgtttga attcatttag aaccagtcga cgctcttggt gactcttgtc 300
 accatggata cccatggcag gccacccatc tctcctcatt tttctggtaa gctcatcaca 360
 tcttcttttg gtttccacaa aaacaatggt tttattctcc ttctcactca tgatctcttc 420
 cattagacga ataagttttt catccttttc tacgtcatga cacacatcca caatctgaag 480
 aatgttgttg tttgactca gttcaagtgc accaatgttt atatgaatat agtctttcag 540
 gaaatcttca gcaagctgtc ttacttcttt tgg 573

<210> 1385
 <211> 150
 <212> DNA
 <213> Homo sapien

<400> 1385

09049626 050301

ccaaggccgc tagggtcctt acccctcagg atcactcccc agccctttcc tcaggaggta 60
 ccgctctcca aggtgtgcta gcagtgggcc ctgcccaact tcaggcagaa cagggaggcc 120
 cagagattac agatcccctc ctgtaagtgg 150

<210> 1386
 <211> 159
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 1386
 aaatgatgtt ttgggttaaga gtggaccatg agaattagct gacagcatcc cttttctctc 60
 tccctgcctt ggtgggaccc tccctgtgtg accttgggtca agtcctcgaa cttttgtccc 120
 gtatttaaga tggagctgnt ttacctactt cataagaca 159

<210> 1387
 <211> 735
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 1387
 ggtgnaattc gcctttgaan ggccgccggg caggtccttt ntgtstgctg aaggcagatc 60
 gcttggtcca caccagctac cactcccagg cagtgcatac ccgccctgtt tgcagaaatg 120
 cacgctgtac tagcatctcc tgggagctga ggcagaccct gtcagttgta tttgatgcct 180
 tcatcacggg gcagggaaag aaagactggg cctcttccg gatgttctcc cgaaccctca 240
 cggagccctg ccccttggtt tcagagagcc gagtctatgt ggacatcacc acctacaacc 300
 aggacaacga gacattagag gtgcacccac ccccgaccac tacatatcag gacgtcatcc 360
 taggcactcg gaagacctat gccatctatg acttgcttga caccgccatg atcaacaact 420
 ctcgaaacct caacatccag ctcaagtggg agagaccccc agagaatgag gccccccag 480
 tgccctttct gcatgcccag cggtagctga gtggctatgg gctgcagaag ggggagctga 540
 gcacactgct gtacaacacc caccataacc gggccttccc ggtgctgctg ctggacaccg 600
 taccctggta tctgcggctg tatgtgcaca ccctcaccat cacctccaag ggcaaggaga 660
 acaaaaccaag ttacatccac taccagcctg cccaggaccg gctgcaacct cacctcctgg 720
 agatgctgat tcaga 735

<210> 1388
 <211> 369
 <212> DNA
 <213> Homo sapien

<400> 1388
 ctggggacag cctacagggg cctccagcct gtgccagacg aggaggtgat tgagctgtat 60
 gggggtaccc agcacatccc actataccag atgagtggct tctatggcaa gggtcctccc 120
 attaagcagt tcatggacat cttctcgcta ccggagatgg ctctgctgtc ctgtgtggtg 180
 gactactttc tgggccacag cctggagttt gaccaagcac atctctacaa ggacgtgacg 240

gacgccatcc gagacgtgca tgtgaagggc ctcatgtacc agtggatcga gcaggacatg 300
 gagaagtaca tcttgagagg ggatgagacg tttgctgtcc tgagccgcct ggtggcccat 360
 gggaaacag 369

<210> 1389
 <211> 322
 <212> DNA
 <213> Homo sapien

<400> 1389
 aaagatgttt ctggcatttt ctttttattt gtaaggtggt ggtaactatg gttattggct 60
 agaaatcctg agttttcaac tgtatatatc tatagtgtgt aaaaagaaca aaacaaccga 120
 gacaaaccct tgatgtcctc tgctcggcgt tgaggctgtg ggggaagatgc cttttgggag 180
 aggctgtagc tcagggcgtg cactgtgagg ctggacctgt tgactctgca gggggcatcc 240
 atttagcttc aggttgtctt gtttctgtat atagtacat agcattctgc cgccatctta 300
 gctgtggaca aaggggggtc ag 322

<210> 1390
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 1390
 aaatattagw tgagacttta caggcacata actgttcaga tagaaacaaa cataacagac 60
 taaaatactt tcaaaattaa agccatctag aaaatggaag taactgaaac tgtagccatt 120
 acaattcttt ttctggtttt gagcaaaaat tttatctctc tggcaaaaca cttttgtctg 180
 atcatttgag agacagggtt ctgtataact gtttcttcaa cgtaaacctc atttacaana 240
 atagtacat agcattatga ataaactatg aattggggac catggaaatg cactagaaca 300
 aattttgtaa aaatatggca gatatggaag ttaaaaatag aatggatgca aggactgtac 360
 taaaggtgtt tgggtgtagt acaatgttca ctttgcacaa ctatccctat agtctaggta 420
 gccattgggt ttctcctcag cagtgtcaga 450

<210> 1391
 <211> 304
 <212> DNA
 <213> Homo sapien

<400> 1391
 aaaaaatcat aaatgggggt tcataatcca aagttgaaac atttattctt catagcttca 60
 gaatttaaca accaattgta gaccatgctt tccaaatcca gtcttctttg ctatttttca 120
 aaacttctga gatctagtat taaactgctc cattctaaat gtatagtttt agataagtat 180
 tgtacacttg ttgataaggg ttttctgaaa gcagtctatc aaatataaag aatggtttct 240
 atctaagaat cagcagtgag ggaagaaata ttaaacacct atcaagaaat caattattca 300
 tttt 304

<210> 1392
 <211> 140
 <212> DNA
 <213> Homo sapien

<400> 1392
 ctggaagaag aactgagaca gcagaaagaa gcagcttgtt tcaaggctcg tccaaacacc 60
 gtcattctctc aggagccctt tgttcccaag aaagagaaga aatcagttgc tgagggcctt 120
 tctggttctc tagttcagga 140

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<210> 1393
 <211> 166
 <212> DNA
 <213> Homo sapien

<400> 1393
 aaaactttgt ttttcttaaa agcttacagt gtttggtctaa ttctctctccc cttttttacaa 60
 gacggggggcc ggagggtgga cactggtggc aggttaaggg atactgtcac ttttaagaagc 120
 ctgcagattg aagtgtaaac atggagaaat taggggctga tttttt 166

<210> 1394
 <211> 543
 <212> DNA
 <213> Homo sapien

<400> 1394
 gcagaggctg tgggtacaaca tggtccttgg tgaagacctg cacccttgga acctcccacc 60
 atcatcacia ctgtagtctc atttgcagtg gagaaaagaa cccgacgtcc cacagccaga 120
 tatacaccca gctccatgcc agcccttcat gtttaccttt tgctttgtta attacatgtc 180
 agactcctag agggcctcca gactaatagg aagcattttct gtaaccaacc tgccaccac 240
 tgattcagaa atggaaatca cattccacaa tctatggctt ctaccagcta gccagga 300
 tacttgaaat cagcattcca attagtgttg agtctcttga ttgtgtcatt taccaattaa 360
 ataactgaga cctaagtctg ggaacagagc cacgaatctg cctttgagat gctggcagat 420
 ctcaaggcca tcaattattg ggggagggag ggacaaacac tccaatcat ccaccagtca 480
 gactgaatgt gtagctggcg aggaattact tccacttctg gccagcaca agccctgctt 540
 tgg 543

<210> 1395
 <211> 364
 <212> DNA
 <213> Homo sapien

<400> 1395
 cctatcatca gtgggggttg attcaccatc atccagggtg ccatcttcat acaagggtact 60
 agctatgacc aaccgaaact tgtaacccaa gtctacaggg taaatttgaa tgtttacatc 120
 taagattaga tccatcttga aagattcact ctcaaatgc agtcgagaca ctcggtcaaa 180
 cttcttggcc tccgggtcaa tctcttccac atcgaaaata tctcaaaca ggatgcccg 240
 catcgcgagg gggccacgag agcagcagaa ggggtgagag cgcgaccaca gttgggagta 300
 cgtgcacccc ctacgctgga caagaccgga gagaaccaa agcacctcct gaaagcgcg 360
 cggc 364

<210> 1396
 <211> 422
 <212> DNA
 <213> Homo sapien

<400> 1396
 gctgctgctg ctattgtgtg gatgccgagc gtgtcttctc ttctttccag agatggctaa 60
 caggggcccc agctatggct taagccgaga ggtgcaggag aagatcgagc agaagtatga 120
 tgcggacctg gagaacaagc tgggtggactg gatcatcctg cagtgcgccc aggacataga 180
 gcacccgccc cccggcaggg cccattttca gaaatgggta atggacggga cggtcctgtg 240
 caagctgata aatagtttat acccaccagg acaagagccc atacccaaga tctcagagtc 300
 aaagatggct ttttaagcaga tggagcaaat ctcccagttc ctaaaagctg cggagaccta 360

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tggtgtcaga accaccgaca tctttcagac ggtggatcta tgggaaggggaggacatggc 420
ag 422

<210> 1397
<211> 653
<212> DNA
<213> Homo sapien

<400> 1397
ctgacctgct atcccacccc aaatttcagc ctgaggtata tttcagtga ggcaggtagc 60
tgtgtttctc agagcagaga agcagtttta agagcaaaaa ggtagaggaa atctagaaaa 120
gaaccgtctt gatacagatt tatcccatgg tgtgaaggga gggcaaagaa cccagtggca 180
cttcgcttat ccagcaattt ctgtcactgt ggtgaccaac ttctgcccgt tccatagggt 240
cttgaactgc tcaggaactg ggaattcatt aaagtcaccg ccttctgtag gaatgaggac 300
attcatctcg gaagatttgg cactgactat ttcacaatcc aggggaattct tgctcaggta 360
agcatggcag ccactctggtt tgttgatgga tatggttggc actttaccca ttacctgaac 420
tttgacatcc ttactgttga ttatctccac aatgccacc acgtcatcga ataccaggcc 480
aagttttctta cagttatcta ctgtaatgga gtttaattttg cccttgattt gcaatgtcgt 540
gttgacacac ttgtatatgt aagccacctg tttcagctct gtgtcctcaa tcaccagggt 600
ggaaacattt tcctgatttt ccctctccct tcttgccctc agttcaagta cag 653

<210> 1398
<211> 261
<212> DNA
<213> Homo sapien

<400> 1398
aaaattataa ctactcattc tttcttttagc cttagataat ttgagcagaa gccacaacaa 60
gcaaaccaca ataaatttag aattggcaga aatccacatt aactcctctt cccaagtttc 120
cacactacta ccatttacag ttgtaggttt gtaatgtata attatgtaat gcasaaacta 180
gctttgactt gtgtracgat gcactgtcaa aggaagcaaa gtaagaattg aaattccaca 240
ttccagaat ttaacactca g 261

<210> 1399
<211> 195
<212> DNA
<213> Homo sapien

<400> 1399
ctgattttat ttcctttctca aaaaaagtta ttacagaag gtatatatca acaatctgac 60
aggcagtga cttgacatga ttagctggca tgattttttc ttttttttcc cccaaacatt 120
gtttttgtgg ccttgaattt taagacaaat attctacacg gcatattgca caggatggat 180
ggcaaaaaaa agttt 195

<210> 1400
<211> 120
<212> DNA
<213> Homo sapien

<400> 1400
ctgcctccaa ccctttgggt ctccaccacc caagtttcct gtaggggtccg ccgggtccag 60
gatcacagggc ctgggtttcg tgagctgcct tctcaggtag ttttcaataa tggggttttt 120

<210> 1401

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<211> 284
 <212> DNA
 <213> Homo sapien

<400> 1401
 ctgtagccaa aaagatgctg gggcagattg tggacaagta gaagcacctc cttcccctct 60
 gcgacattga acggcgtgga ttcaatagtg agcttggcag tgggtgggagg gttccagaag 120
 gttagaagtg aggctgtgag caggagcctc tgccagggga catgcaatct gcaggaggagg 180
 gctgaggggg gtcccatggt ctctgctgtc ttctctgtcc acctctttgt agaggagctt 240
 gagctccagg aatgctctgg tcagggtgctc tgtgactgtt ggcc 284

<210> 1402
 <211> 198
 <212> DNA
 <213> Homo sapien

<400> 1402
 ccaggtttct gctggtacca ggctaagtag ctggtgctgg cgggaacact gtgactggcc 60
 ctgcaggaga ggggtggctct ttccccgga gacagagaca gcgtgtctgg agactgtgtc 120
 acttcaagct ctgcgatgcc atctgggagc cagagtagca ggaggaagag aagctgcgct 180
 ggggtttcca tggttccc 198

<210> 1403
 <211> 441
 <212> DNA
 <213> Homo sapien

<400> 1403
 aaactcaaaa ttgacaaatt aactagcttg ctttttgtca tttggaagac taccattatt 60
 caaattttatt atgtaataca ctcatccaga taatgaaaca tctgcgaaaa aaagtgtggg 120
 aatcacctca tctgtgcata aaatggctat tatacatgaa tgcagacgtt tgaagttaga 180
 aaggaatata actcaaatac caaaagggtcc taattacaga gtttacaagt aagcagtttt 240
 attttcaaaa gtacatagta agtccagact gggctattgc caaagaacta atcttttagtc 300
 tacttcaaca tgttacatgg tattcctgac tctacagact atcagcatct gtggagggtta 360
 gctcctaag gtcccaaaga acaggaaaca tgcaggaata aaggactcct catgaagagc 420
 aggtgggagc gagggtggcag g 441

<210> 1404
 <211> 243
 <212> DNA
 <213> Homo sapien

<400> 1404
 tgaaggggtt cttggaagac ctggcacctc cagagcgcag cagcctaatt caggattggg 60
 aaacatctgg gcttggtttac ctggactata ttagagtcac tgaaatgtc cgccatatac 120
 agcaggtgga ttgctcaggt aatgacctgg agcagttaca catcaaagt acttcactgt 180
 gcagtcggat agagcagatt cagtgttaca gtgctaaaga tcgcttggtc cagtgcagaca 240
 tgg 243

<210> 1405
 <211> 168
 <212> DNA
 <213> Homo sapien

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<400> 1405
 aaaccactgg atctatctaa atgccgattt gagttcgcga cactatgtac tgcgtttttc 60
 attcttgtat ttgactattt aatcctttct acttgtcgct aaatataatt gttttagtct 120
 tatggcatga tgatagcata tgtgttcagg tttatagctg ttgtgttt 168

<210> 1406
 <211> 486
 <212> DNA
 <213> Homo sapien

<400> 1406
 ctggacatac agaaattggt gaatttttgt tgcaacttgg agtgccagtg aatgataaag 60
 acgatgcagg ttggtctcct cttcatattg cggtctctgc tggccgggat gagattgtaa 120
 aagcccttct gggaaaaggt gctcaagtga atgctgtcaa tcaaaatggc tgtactccct 180
 tacattatgc agcttcgaaa aacaggcatg agatcgctgt catgttactg gaaggcgggg 240
 ctaatccaga tgctaaggac cattatgagg ctacagcaat gcaccgggca gcagccaagg 300
 gtaacttgaa gatgattcat atccttctgt actacaaagc atccacaaac atccaagaca 360
 ctgagggttaa cactcctcta cacttagcct gtgatgagga gagagtggaa gaagcaaaac 420
 tgctggtgtc ccaaggagca agtattttaca ttgagaataa agaagaaaag acaccctgc 480
 aagtgg 486

<210> 1407
 <211> 560
 <212> DNA
 <213> Homo sapien

<400> 1407
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 agtaaattag gacagtgttt caacaagcct aggctatctc gtaagttgaa aaatatccca 120
 ctatagttgc ttcattgagta tgaagtaaga tggcctctga tttacactgg ttcaattttac 180
 aaattttcaa ctttatgata ggtttatcag ggtactaaat gcatttcaac ttgatagttt 240
 caacttatga taggtttacc aggatgtagt cccactgttg aggagcatct atttaggagt 300
 taattacttt agtaataagt ggaaagtaag ataccttgag taatgtttgc ctataaaaatt 360
 gtcagcgtat ttttacacta ttggctcaag aatgttataa tgctaaggga cataagttgg 420
 caaccacttg gtttttggaa ggactttcgg tattgtatta gaagtctgcc ctagctgtta 480
 aattttctggg tatttatcct aaggaattaa ttaaagagtt aattgttcct ttcttcagtg 540
 ggccattggt ttagatattt 560

<210> 1408
 <211> 360
 <212> DNA
 <213> Homo sapien

<400> 1408
 ctgcctagtt gtagttgaca gacaacttta taagctctag tcaaccctat tgactaagct 60
 tctgaaccac tagcatagtt ctagggtcag gcggatgcct actgtgggca ggaaagtgat 120
 gcatgcatgt gtgggagcag tgtcttaatg tctgaaatag tagccatgag ctacatgtgg 180
 ctatggagca cttgaaatgt gggagtccaa attatcatgt gctgtgagtg taaaataata 240
 tgtttctaag accgtgtgtg aaagaatata aaatatctca ttaaaaaatg tttatattga 300
 gtacatgttg aaataatttt atatttgtga cacattgtgt taaataaaat attaaaaatt 360

<210> 1409
 <211> 208
 <212> DNA

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<213> Homo sapien

<400> 1409

ccagtccaac	ctgctcctca	ttattgtata	aatgagcaga	atcaatatgg	cggaagccag	60
cttcaattgc	caatttggtg	gcctctaaag	ctttactttt	aggaacctct	gcaggcgcat	120
aggtgccaaa	tcccaggaca	ggcatgaagt	gaccatcatt	cagcttcaca	cactgatatt	180
tcgaatccat	ttctgtcact	agcctggc				208

<210> 1410

<211> 404

<212> DNA

<213> Homo sapien

<400> 1410

aaaaaaagga	aaaagtttta	ttacgaaact	agtttgtata	aaacagggtt	atacatattt	60
ttgtaagttt	gtaataaaaac	agtaagaaaa	aaaaggcagt	aatagaaatc	tccaaaaggc	120
aacctatcaa	aaccaactgg	ctgccacttt	gagtttgac	agtagctgca	taaactttgt	180
tcttcttgar	cagtatttta	taacatcatt	aatacattaa	caacatttct	ataaagtaag	240
acacattggt	gctgaagtac	aactgggtgc	ctcttgatct	cacctatgag	gagagttctt	300
tacamawcca	catagggaaa	attgcagttg	taagggtgarc	tacacatcta	aaatatgcag	360
aggtaatagc	attacatggt	aaagtatcaa	gatatacaca	tttt		404

<210> 1411

<211> 623

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 1411

ccacttggtg	agatatgggg	agcctacact	cggaggggst	gtacctttag	cactggccct	60
catctctgtt	tcaaatccac	gactcaacat	cctggatacc	ctaagcaaat	tctctcatga	120
tgctgatcca	gaagtttcct	ataactccat	ttttgccatg	ggcatgggtg	gcagtgggtac	180
caataatgcc	cgtctggctg	caatgctgcg	ccagttagct	caatatcatg	ccaaggaccc	240
aaacaacctc	ttcatgggtg	gcttggcaca	gggcctgaca	catttaggga	agggcaccct	300
taccctctgc	ccctaccaca	gcgaccggca	gcttatgagc	caggtggccg	tggctggact	360
gctcactgtg	cttgtctctt	tcttggatgt	tcgaaacatt	attctaggca	aatcacacta	420
tgtattgnat	gggctgggtg	ctgccatgca	gccccgaatg	ctggttacng	tttgatgagg	480
agctgcggcc	attgccagtg	tctgtccgtg	tgggccaggc	agtggatgtg	gtgggccagg	540
ctggcaagcc	cgaaaactat	cacagggttc	cagacgcata	caacccagct	gttgggtgggc	600
ccacggggaa	cgggcagaat	tgg				623

<210> 1412

<211> 171

<212> DNA

<213> Homo sapien

<400> 1412

gcggcgctgg	gggtgctgga	gtccgacctg	ccaagtgccg	tgacacttct	gaaaaatctc	60
caggagcaag	tgatggctgt	aactgcacaa	gtgaaatcac	tgacacaaaa	agttcaagct	120
ggtgcctatc	ctacagaaaa	gggtctcagc	ttcttggaag	tgaaagacca	g	171

T00050 "92967350

<210> 1413
 <211> 189
 <212> DNA
 <213> Homo sapien

<400> 1413
 aaaagtcata aggggttttat tttgtatcat caaaatattc tataaggtcc caaatactct 60
 ttttcaaccc atgaacagta agaatttgtg aattctgata atgaaaaaag ttttcctcca 120
 ggtatgtttg tttcacattc agtcctaaag ccttgagcta tgtgtacttc cctcacacag 180
 gaacaccag 189

<210> 1414
 <211> 564
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

<400> 1414
 cctccccagc gcccaaaggt ctattacaag tacctataga cttttcacat ataagttcta 60
 gtgggtacaa gctttttttt tttttttttt tttttttttt tctattgggk atttcattca 120
 ttttgggggg ggaacaaatt ctacaaactg ctttaataatt gkcctttttt tctaatactc 180
 acattaactt tttatgtaaa acataccaat gcttttaata aagcttacat aggaataaac 240
 tattatagac ctgcatagat ataagtaccc atgtattaat ctacattaaa ataatggatt 300
 ttattctgcg aaractccaa gttgctcctg ggkgctaagk gaagcactta gggaaatgtg 360
 ttcagtcctt gaggtcatag gaacattara ttatatcaaa ggaaacctgg agccatcagc 420
 taagtggccc ttctgtcctg tagatacata aaaactaatg ggctccgcta tgcggctcac 480
 tttctgctat tagatactat gaggcactaa naaaaaacta ctgcctgcat catatctttc 540
 ttcgggttga gataaagaga atgg 564

<210> 1415
 <211> 231
 <212> DNA
 <213> Homo sapien

<400> 1415
 ctgcgcttgg ataacaagta attcaacgca cgcacttaac agaaatgtta aactataaca 60
 agcaccattt gaggattaac aggaacattt ttttgaagat ttcaaacgaa ctgcactttc 120
 agtataattg tacctaaagt atttataaac agctcatcgg agcctctatt tgtcatagac 180
 ttttgagttg attgttgagg ccacataata ggaccatttt tttttgtctt t 231

<210> 1416
 <211> 540
 <212> DNA
 <213> Homo sapien

<400> 1416
 cttgatttag gatctgtggt gcaggggcaat gtttcaaagt ttagtcacag cttaaaaaaca 60
 ttcagtgtga ctttaataatt ataaaatgat ttcccatgcc ataatttctt tgtctattaa 120
 atgggacaag tgtaaagcat gcaaaagtta gagatctgtt atataacatt tgttttgtga 180

05049526-050401

tttgaactcc taggaaaaat atgatttcat aaatgtaaaa tgcacagaaa tgcattgcaat 240
 acttataaga cttaaaaaatt gtgttttacag atgggtttatt tgtgcatatt ttctactactg 300
 cttttcctaa atgcatactg tatataattc tgtgtatttg ataaatattt cttcctacat 360
 tatattttta gaatatttca gaaatataca tttatgtctt tatattgtaa taaatatgta 420
 catatctagg tatatgcttt ctctctgctg tgaaattatt tttagaatta taaattcaca 480
 tgtcttgtca gatttcatct gtataccttc aaattctctg aaagtaaaaa taaaagtttt 540

<210> 1417
 <211> 350
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 1417
 ttnatcatct aactgtggga tctatttcat ttctggaaat aacacaactt agttctaggg 60
 ctttcatgca catgaaatat aaaacagctt agttgttctg aaaacatgac aatgggtaat 120
 tttattcaag tccaacact gagttcagag cacttctcca taggccccat taatctctcc 180
 aggtttctgg gagtatcatt aaatccctcg gcacacctaa gaagcagggt cttagcaaac 240
 atccagtttc caaatgagag tcagaggggc ttgatcctga aagtgtagta ttttcctgcc 300
 ttgtcctact ggtatagctt cttggaccta aaatctctct cctgctgagg 350

<210> 1418
 <211> 425
 <212> DNA
 <213> Homo sapien

<400> 1418
 tgctaggcag ccttattttc ataaccawt tagggaaagg aaatttagga ttttcaaggc 60
 tacattaatt ttctctccat caaatcttga tttgttcttg ataaaaatga gttcttttgg 120
 ggaaattctt tcttttagaca ccaacttggt ttttctcatc ttccacagaa taattgaacc 180
 cctgacctct agatgttcaa aattccgctt caagcctctg tcagataaaa ttcaacagca 240
 gcgattacta gacattgcca agaaggaaaa tgtcaaaatt agtgatgagg gaatagctta 300
 tcttgttaaa gtgtcagaag gagacttaag aaaagccatt acatttcttc aaagcgctac 360
 tcgattaaca ggtggaaagg agatcacaga gaaagtgatt acagacattg ccggggtaat 420
 accag 425

<210> 1419
 <211> 390
 <212> DNA
 <213> Homo sapien

<400> 1419
 aaactcttgc tattgaattg agatgattaa aatggtgact taatccgtag ttatttttga 60
 cccactgaaa ggaaagtgtc ttccagaata atatgaagta tctaaaagtg tcaccttttc 120
 ttgcctgac aacaatttgg gcttctgtt tgtacaaggg gccatttggc atacctttca 180
 cagcttttat caggccaagt taaaggctga ctacattttt tcatcatgag gaaagcagtt 240
 gaaatgaggc atgagttact gtgcattggg attttagaac aattttcttg tgacagctct 300
 ttttgtgaag ttaggttctt aaaagtgcc atgatggtca cttaaaatgt gcagtaatag 360
 cactgccagg atcaagcatg aaaggctttt 390

0904926 050301

<210> 1420
 <211> 480
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(480)
 <223> n = A,T,C or G

<400> 1420
 ttgctgaaca atgacatcgt tttctccagg ggttgaaatc catgtccatg gctgacaacc 60
 caacaaggct gggacccaaa ttcgtacaga gatgaggcag agtggagaga aacaactctg 120
 gctgagccag agtctccagc cactacttct tattcctggg ctttagctct tcggctgcat 180
 tacgcaggaa aatgtaattt tttttctggg gattataaaa ttcattgtccc ttgaccagt 240
 cgtagctgga agcgtatgca aatatgtttc cattgygatt gaaacagcaa gctgasatgg 300
 gctgayctaa ctgttccgaa gnttttagtt ttgktctggc atctttgycc cagaagctga 360
 atctaccatc agatcccaca gttgcaaggg tgccatgaac aggatggaac gccgattcca 420
 tttaccgcga taaatgycct gaggagctga agtggttggtt ccattagatc gatgacattt 480

<210> 1421
 <211> 453
 <212> DNA
 <213> Homo sapien

<400> 1421
 aaactgattg aggtcacagt attttattat ttgggggtcct caccacagga aacactgcga 60
 tacaggggca aaagagatgg cagtgccaat taaattaata caacaaaatc aatgcagcac 120
 caaccaagac tgccaggtct ggtgtcatgg gtatgccag agcccaggag ttcagaaggg 180
 ccctaagcct gatttaatgc tctgctgttg atgtcttgaa attcttaaca atttttgaac 240
 aaggggcctg cgttttcact tcgcactggg ccttgcaaat tacatagcga gtgctcataa 300
 aagaactcag aaacgtggta cctctcttcc tgggtggatac aaataaagaa atctggatcc 360
 aaagttgaaa gttgctggcg atatcattca agtaggactc taaatagtgg attaatagta 420
 ggggtgggcct ggggtgaagat tctttccagc ttt 453

<210> 1422
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 1422
 ttttcttgac cactatacgg cacaacctag gggstgtawa aaacctascr caatgcagaa 60
 ggggtgaagct tcatgacaat tgggtctcggc aataatttgg gggatgtaac atcaacgaat 120
 cagacaacaa aagcaaggga atacacatgg nactaaatca gtgtgnggaa aaatatccca 180
 aacaggcaaa gcacaacatg gamtagatat atgcacattn atggaccctg naggcakka 240
 tcacaaacat actacctggg aagcamctgg acctttaagg gatgaggtag attcaacaaa 300
 cagggcancg tatmttccac tgggatagca ttccagcctt aaaaataang aaatcttgaa 360
 aagnactaca ataaggacaa atctcgaaca cattctgtta agtaaaacaa gacaagccaa 420
 aaagggaaaa ctgtataatt acacctatgt aaaatattta gtcaaactca aagaaaccaa 480

0984967850

gtgttgtagt ctcagcaggg caccaagatg naaacagtct ctcatagnct gagatangca 540
tc 542

<210> 1423
<211> 252
<212> DNA
<213> Homo sapien

<400> 1423
ttaatgccaa atggcaaagt tgcattccgtg gaaatgggta aatatcatca ctgtcgggat 60
gaacccctgc acgccctcta tgacaatgtg gagaaactct ttccagggtt tgagatagaa 120
actgtgaaga acaacctcag gatccttttt aataatgctg taaagaaacg tttgatgaca 180
gacagaagga ttggctgcct tttatcaggg ggcttggaact ccagcttggt tgctgccact 240
ctgttgaagc ag 252

<210> 1424
<211> 273
<212> DNA
<213> Homo sapien

<400> 1424
tttccactct gcacattgta gagggaaacac tctgtaggcc catgggtccc ttactagaga 60
ggttgagtga atttgccttc agttaacatg ggaccttctg tttagcttcc tcttgcttcc 120
caaagatttt aagcattttg taaatgtata aactcacctc tggtaacagt ggcccagacg 180
ctgctttgtg ctaaaagcat gggaaatgta aaggcagtct ttctctggga aatggatgct 240
attctattct gctgcccccta cctgttcctg agg 273

<210> 1425
<211> 618
<212> DNA
<213> Homo sapien

<400> 1425
aaaaaccttg tatagcaaaa taacttaaaa ccctttgtga tatcatctta ccagtttatt 60
tggtaaaaaac aaacagttat ttggtatttg tcagaattct tcagtgcctg ctattacagc 120
tattttccaa ttactaattt gattatactc actcaaggca gtgcaagatc ttgaagtact 180
ttttagcagt taagtaatat tgaattgtat tgaatagttt acatagttta ttctagtctt 240
tgaaaattac tgaacatgga caatgtgcat gtcattgaca tctgccttag aacttctggg 300
acaatcctga ttcgagagat tctatcccat tatttacata taccaaaaat actttgttaa 360
tttaatgtgt tggcttccca actcctgaac acgacacaat tttattatta gattttgtat 420
ggtgatttta ggctatgaaa acatgatcat tatatgtata tagatacatt tttatttggt 480
acaaatgttt gagcagctca ctagcccacc cctcctctat tttgggtaag agaatttact 540
acctttttta actatgtagt tgagagcaac atgtattttg ttatttttag aatggtcagt 600
atattgctat aaaatttt 618

<210> 1426
<211> 565
<212> DNA
<213> Homo sapien

<400> 1426
gtggtagaaa gagatgacgg aagcacatta atggaaatag atggcgataa aggcaaaca 60
ggcgggtccca cctactacat agatactaata gctctgcgtg ttccgaggga gaatatggag 120
gccatttcac ctctaaaaaa tgggatggtt gaagactggg atagtttcca agctattttg 180

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gatcacacct acaaaatgca tgtcaaata gaagccagtc tccatcctgt tctcatgtca 240
 gaggcaccgt ggaataactag agcaaagaga gagaaactga cagagttaat gtttgaacac 300
 tacaacatcc ctgccttctt cctttgcaaa actgcagttt tgacagcatt tgctaattgt 360
 cgttctactg ggctgatttt ggacagtggg gccactcata ccactgcaat tccagtccac 420
 gatggctatg tccttcaaca aggcattgtg aaatcccctc ttgctggaga ctttattact 480
 atgcagtgca gagaactctt ccaagaaatg aatattgaat tggttcctcc atatatgatt 540
 gcatcaaaag aagctgttcg tgaag 565

<210> 1427
 <211> 144
 <212> DNA
 <213> Homo sapien

<400> 1427
 ccactagtta tttttatgta atcaattacg gggtcattag ttcatatccc atatatggag 60
 ttccgcggtta cataacttac ggtaaatggc cgccaccgcg gtggagctcc agcttttgtt 120
 cccttttagtg agggttaatt gcgc 144

<210> 1428
 <211> 214
 <212> DNA
 <213> Homo sapien

<400> 1428
 ccactagtta ttattatgta atcaattacg gggtcattag ttcatagccc atatatggag 60
 ttccgcggtta cataacttac ggtaaatggc ccgcctggct gaccgcccac cgacccccgc 120
 ccattgacgt caataatgac gtatgttccc atagtaacgc cgccaccgcg gtggagctcc 180
 agcttttgtt cccttttagtg agggttaatt gcgc 214

<210> 1429
 <211> 253
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

<400> 1429
 ccactagtcc antttngtgg aattotgaag ccttaattgc ttatatccat gtttctagtg 60
 aatgagagg gtataacaaa aaagagaaca ggaggaaagc ttcgctgtgc ctgaggaaat 120
 aatctagtca aggcagcaag tctggatagt gctatagaga tgagatacct gagcagttcc 180
 agagggaagag gtggagatca gaggccagtt ttcagtgaac actgtaaaga aaagccagat 240
 gatgtgtcct gga 253

<210> 1430
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 1430
 aaattttact agtgttactt aatgtatatt ctaaaaagag aatgcagtaa ctaatgcctt 60
 aaatgtttga tctctgtttg tcattacttt ttcaaaatta tttttttctg taaagtataa 120

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tatataaaac ttcttgctta aattgaattt ctatattagt ggtaattgc agtttattaa 180
 agggatcatt atcagtaatt tcatagcaac tgttctagtg ttttggttt tt 232

<210> 1431
 <211> 734
 <212> DNA
 <213> Homo sapien

<400> 1431
 cattatacaa cactatattg ccagggtcaaa gagggcaggg acgtaaatgt aactaaaaat 60
 gcaaatgtat cccaaagaga taaaacaaat tccatttaca gcatgaagggt ttacaaatgt 120
 acacctgtac aaccaaggaa agcatcacta cttaaattagc aaggctttta taataaacat 180
 tgaaasaaga ttccctttca aagtgtaaac ttacatctat tactacacac acaatgcata 240
 tatttataga aagcaaaaag agctatctga atatgtaatc atgcttaaat gctgagctat 300
 caaattcact ttccagtggc cccttttcat ctctatctgg ttctacttt ctgcctctat 360
 gaaaaagcaa aataaagctc aacacttcct caacatgtct gtaattctat aagcaaaaca 420
 aaatacaaat ttccactctt tctcattgca aaccaaactg aaaagttaat aagtgactta 480
 acttttcatt tagtgacttt aattggaagt gtcaccatga ttttgatttt aactcttaca 540
 acaattacat atgtaagtat atacaatatt tctgtacatt gccagagaca ttttagggca 600
 gtaattgtat taaaaccaca tctactgtaa ataatgttag gttcttttca tctcaaacca 660
 ctttattctt gcctacttac tcgttatttg catgatagtt tgtgaattat caaaatacaa 720
 cttaactctt taaa 734

<210> 1432
 <211> 542
 <212> DNA
 <213> Homo sapien

<400> 1432
 tttaagaaa agcctttgag aaacatgcat acttttctct tttctcctat attcaatact 60
 catatagcct aaaagatgga aactggttca agaattttaa tgacttggtc cctaaaaagt 120
 taatctctc acctttgtga aatatatcaa gtgcttttcta taaataaggg caggaaatgc 180
 taacttcata agcatagtc tagtcattaa aataatttga tcatcttcta aaatttaagt 240
 atgatagtaa cacagtaata tggaaaatct caatatactt aacacttcct aaacagcaca 300
 atgaaatgtt gttcaagggtc tgaattaatt tgctacagga cctaagcaag tctgtttgct 360
 tatcttttgg ctttaaaatt ctttaagtct aaaatgggtg taattttaga ataaactgac 420
 aatgtgggga acaaacttaa attcacaac actaccata tgctcaaaaa ctctctggga 480
 taattagttt cttcattgta actattgatg tactattatt tcatctttcc attagctcta 540
 ct 542

<210> 1433
 <211> 175
 <212> DNA
 <213> Homo sapien

<400> 1433
 ttaaattgat tcaaaaaaac ttgacacctg tcatgtaggc cacaaaatag tagcgaacta 60
 tactaagtgg tatagccac tgtggagtgt ggtcttttac tcttccaaat agcccaagtt 120
 ggcaaagggt acttaaaaaac ctgccccca aaaagctaac ttttggtaga ttttt 175

<210> 1434
 <211> 90
 <212> DNA
 <213> Homo sapien

<400> 1434
 ttaatcacta ttgatggaag cttatatattcc ttatgaatat atacatgtat gcatatatac 60
 atctctgtat gaatcactca aagcaatttt 90

<210> 1435
 <211> 153
 <212> DNA
 <213> Homo sapien

<400> 1435
 ttacctttg tgctttgaag gttctaccat ttakaaagta aaaagccaac ccacagaatg 60
 gaagaaaaga ggacagactc taacaagcgt tcacaaagat ggagagaaat tgtaaccctc 120
 atatattgct ggtagaattg tagaaagatg cag 153

<210> 1436
 <211> 483
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 1436
 ttttttagttt aaagaagagt tttgccactt aracanggga gctwtgtctg gaaaatacac 60
 tgagttgaaa cacttcatcc ttggaaggat tatataagat gaacagytgt gataaatgtg 120
 tagattagag ggatgtgaat gggcagttag tccagtgcc tcatttaaga ggccaagatc 180
 ctgattcaga ggaggcatcc tttgccaga gctgcttagc taatctgacc aaatgttggg 240
 aaaaatgtct cacctaacc actattcctt aattatggat tttgtgaaaa acaatagaac 300
 atgttaatga gtaatttata ttagttcgat gtattacaat ttttagctt taaattacag 360
 ytttcttata atgttgaaat gttttagaat cttttgaatc taagtatttg tttcctaaat 420
 gaaacatttg tacaacattt gatgttttta cttatgaaat attctcctcc cccaagaaaa 480
 ttt 483

<210> 1437
 <211> 171
 <212> DNA
 <213> Homo sapien

<400> 1437
 ttttgccacc tcaagaagcc attttcttgt ctgtttcctt ctttacctac ccctacaacc 60
 tatgaacaaa taccataact taaaaattta ggtagtctac aactcctaca aattttaagt 120
 tcagagacta cccaagaagc tgtggaagat gcagcaatat aaaagttttt t 171

<210> 1438
 <211> 408
 <212> DNA
 <213> Homo sapien

<400> 1438
 tctgagtga ggtaggctaa caacacattt tgactttstc ctcaaaggat agctttgaaa 60
 aacaagtga accaattgtt acaccaaatt aaaatggcaa tattaatcg gtaacaaaac 120

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gatccacatt	ttatacaata	ttgtatttcc	aaacatacat	aggatcatgaa	aatcagagaa	180
cctaataatag	caccgttgaa	accattcatt	atccttcatg	tgtgtatgca	attcagaatt	240
tcggcagaag	acaacaaatg	gaaaaatgcct	ttcgtttcta	taaatcattt	tggaatttcaa	300
ttaaatcttt	gccttagtaa	agggtattct	tatctcaaga	tcaattagcc	gttttttagct	360
ccaccgtttt	ggaagtaaaa	atgatgagct	acatctactt	tttaattt		408

<210> 1439

<211> 168

<212> DNA

<213> Homo sapien

<400> 1439

ttacacaaca	gctataaacc	tgaacacata	tgctatcatc	atgccataag	actaaaacaa	60
ttatatttag	cgacaagtag	aaaggattaa	atagtcaa	acaagaatga	aaaacgcagt	120
acatagtgtc	gcgaactcaa	atcggcattt	agatagatcc	agtgggtt		168

<210> 1440

<211> 307

<212> DNA

<213> Homo sapien

<400> 1440

tttcacatac	gaagaaatca	actgtgatta	tgaagtgaca	gccagctaaa	tatgtcttgt	60
attttctctc	ttcctttttt	tgccctaactc	atccttttact	tccatttctg	cttccatggg	120
aatgcaggct	caaataaatt	actaggatac	aagattactt	caagcctctt	ttctgtggaa	180
ctcataatat	gataagcatt	tggtacaaga	ttgcctgtag	ttgttttaggg	gacaaattat	240
attagggaaa	gaaagtcttt	cttttagttgg	ttaaattttc	tattataatt	gggtactaaa	300
tttattt						307

<210> 1441

<211> 684

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 1441

ttaagttctg	gagtgttcac	ttctgagcct	gaattccctc	ccctgcaaaa	tgggggaata	60
ccctcctcag	aggggtccctg	cgaggggtgag	gggagattca	gcatggcagg	tgtgctgggc	120
acggcagggc	ctgggaaggg	cagatccttt	ccccatccct	gccacaaaca	acccaaacct	180
ttaaaggaga	gcaatggcct	tgtgtcaaaa	acaaaaacaa	aacaaaaccc	tgtcctagga	240
gactggggcc	ctaatttcta	atagcaagcc	tttatgagtc	cctaacactc	tactgggctg	300
agtatctcac	acgccagagg	ataacctgcc	ttctgctcac	caccaccccg	tagtagttgt	360
cattgtgtcc	atttcacaga	tgaggcaaag	gctcagaaga	gtcatgtgtt	aaaccagctt	420
ctagagccca	tgcaggagct	gcagggtgga	gaatcacctc	taggtgctct	tcccatagaa	480
tcctcacctc	ctgagtgtca	ctcactcagc	ttccaatggg	tgtgtgacct	ttgaccagct	540
ttcttcctct	ctgggcctca	gtttcccacc	tgacaaaagt	aagaggtctc	ttggcttcan	600
gtaagttctt	cctaaacttc	tttttccttt	tcatttgagc	atcctcttca	tttttgccac	660
ctctctgtca	tttacaggct	tttt				684

<210> 1442

FOE50" 92964860

<211> 166
 <212> DNA
 <213> Homo sapien

<400> 1442
 aaaaaatcag cccctaattt ctccatgttt acacttcaat ctgcaggctt cttaaagtga 60
 cagtatccct taacctgccca ccagtgtcca cctccggcc cccgtcttgt aaaaagggga 120
 ggagaattag ccaaacactg taagctttta agaagaacaa agtttt 166

<210> 1443
 <211> 194
 <212> DNA
 <213> Homo sapien

<400> 1443
 ttgacctgt caaaagaaga gctaaagaca gttatataaa aattaagggtg ggctttcaga 60
 ctggctaaca caacaacatt ccatgagtag atggtaattt atttttgttt atccatttcg 120
 ttgggagcaa ggacaaaaat gtaaatctac accttgctta tcaaaattgc cgaaaaaaga 180
 atgctctgcc tttt 194

<210> 1444
 <211> 96
 <212> DNA
 <213> Homo sapien

<400> 1444
 gagagtcgag agtgggagaa gagcggagcg tgtgagcagt actgcggcct cctctcctct 60
 cctaacctcg ctctcgcggc ctacctttac ccgccc 96

<210> 1445
 <211> 365
 <212> DNA
 <213> Homo sapien

<400> 1445
 gggatgagct gaccaagaac caggtcagcc tgacctgcct ggtcaaaggc ttctatccca 60
 gcgacatcgc cgtggagtgg gagagcaatg ggcagccgga gaacaactac aagaccacgc 120
 ctcccgtgct ggactccgac ggctccttct tctctacag caagctcacc gtggacagga 180
 gcagggtggca gcaggggaac gtcttctcat gctccgtgat gcatgagggt ctgcacaacc 240
 actacacgca gaagagcctc tccctgtctc cgggtaaagt agtgcgacgg ccggcaagcc 300
 cccgtcctcc gggtctctgc ggtcgcacga ggatgcttgg cacgtacccc gtgtacatac 360
 ttccc 365

<210> 1446
 <211> 386
 <212> DNA
 <213> Homo sapien

<400> 1446
 tctggaaagt tcttgctcgg gtcccttcac ctccccgccc tttcttarag tgcagttctt 60
 agccctctag aaacgagttg gtgtctttcg tctcagtagc cccacccca ataagctgta 120
 gacattgggt tacagtgaac ctatgctatt ctacagccct tgaaactctg cttctcctcc 180
 agggcccgat tcccaaacc catggcttcc ctacactgt cttttctacc attttcatta 240
 tagaatgctt ccaatctttt gtgaattttt tattataaaa aatctatttg tatctatcct 300

0984967860
 10E050-92954860

aaccagttcg gggatatatt aagatatatt tgtacataag agagaaagag agagaaaaat 360
 ttatagaagt tttgtacaaa tggttt 386

<210> 1447
 <211> 261
 <212> DNA
 <213> Homo sapien

<400> 1447
 aaaattataa ctactcattc tttcttttagc cttagttaat ttgagcagaa gccacaacaa 60
 gcaaaccaca ataaatttag aattggcaga aatccacatt aactcctctt cccaagtctt 120
 cacactacta ccattttacag ttgtagggtt gtaatgtata attatgtaat gcagaaacta 180
 gctttgactt gtgtaacgat gcactgtcaa agtaagcaaa gtaagaattg aaattccaca 240
 ttcccagaat ttaacactca g 261

<210> 1448
 <211> 404
 <212> DNA
 <213> Homo sapien

<400> 1448
 aaaaaaagga aaaagtttta ttacgaaact agtttgata aaacagggtt atacatattt 60
 ttgtaagttt gtaataaaac agtaagaaaa aaaaggcagt aatagaaatc tccaaaaggc 120
 aacctatcaa aaccaactgg ctgccacttt gagtttgac agtagctgca taaactttgt 180
 tcttcttgaa cagtatttaa taacatcatt aatacatata caacatttct ataaagtaag 240
 acacattggt gctgaagtac aactgggtggc ctcttgatct cacctatgag gagagttctt 300
 taaaaacca catagggaaa attgcagttg taagggtgaac tacacatcta aaatatgcag 360
 aggtaatagc attacatggt aaagtatcaa gatatacaca tttt 404

<210> 1449
 <211> 230
 <212> DNA
 <213> Homo sapien

<400> 1449
 aaaagttcta gtggtacggt aggagctttg caggaagttt gcaaaagtct ttaccaataa 60
 tatttagagc tagtctccaa ggcagcaaaa aaatgtttta atatttgcaa gcaacttttg 120
 tacagtattt atcgagataa acatggcaat caaatgtcc attgtttata agctgagaat 180
 ttgccaatat ttttcaagga gargcttctt gctgaatttt gattctgcag 230

<210> 1450
 <211> 194
 <212> DNA
 <213> Homo sapien

<400> 1450
 aaaaactcct tttggtttac ctggggatcc aattgatgta tatgtttata tactgggttc 60
 ttgttttata tacctggctt ttactttatt aatatgagtt actgaagggt atggaggtat 120
 ttgaaaattt tacttccata ggacatactg catgtaagcc aagtcattga gaatctgctg 180
 catagctcta tttt 194

<210> 1451
 <211> 106
 <212> DNA

<213> Homo sapien

<400> 1451

aaagatgaca aatactgggt aattagcaat ttaagaccag agccaaatta tccaagagc 60
atacattctt ttggttttcc taactttgtg aaaaaaattg atgcag 106

<210> 1452

<211> 349

<212> DNA

<213> Homo sapien

<400> 1452

ctgcagatcc tgcggaacgt caccaccac gtttccgtga ccaagcagct cccaacctca 60
gaagccgtgg tgtctgctgt gagcgaggcg ggggcgtctg gaataacaga ggcgcaagca 120
cgtgccatcg tgaacagcgc cttgaagctg tattcccaag ataagaccgg gatggtggac 180
tttgctctgg aatctgggtg tggcagcatc ttgagtactc gctgttctga aacttaacgaa 240
acaaaaacgg cgctgatgag tctgtttggg atcccgctgt ggtacttctc gcagtccccg 300
cgcggtggtca tccagcctga catttaccoc ggttaactgct gggcattta 349

<210> 1453

<211> 302

<212> DNA

<213> Homo sapien

<400> 1453

aaaaataatg tgcaagagca tcatgagaaa gaagaggggt gaagagataa tccagaggaa 60
catcaaagt aagagtatac actcaaagac aggtttaaga aagaccagtc agagaagtaa 120
agaaaaaaaa caagcaagaa taatgttgca aaaattaaca agaaagttgc aagcccagag 180
tggttagcaa tgccaaacta ccatgagtaa gccacataaa acaagaactt tgggttcaac 240
tgctttaaca atcagacctt tagattcaca taacaggagt taaaaatta agagcctctt 300
tt 302

<210> 1454

<211> 268

<212> DNA

<213> Homo sapien

<400> 1454

caagcgtaaa ccgcgggagc cgagcccagc taggaatgca gacctcctga aaaccaagcc 60
gaggactgcg ggtccggtg tccacgcaga gtgtcagctt cctctggtgc aaccagcaag 120
tcttccagta tgaatcccac agaaaccaag gctgtaaaaa cagaacctga gaagaagtca 180
cagtcaacca agccaaaaag cctacccaag caggcatcag atacaggaag taacgatgct 240
cacaataaaa aagcagtttc cagatcag 268

<210> 1455

<211> 207

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(207)

<223> n = A,T,C or G

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<400> 1455
 ctgtcgagag cagccctgcc caagawtgnc ggggtgggggc tggtgccaac gggttcccaa 60
 ggscctttcm actttkgaak ggctggartt cttgggaaac cmaaacsctg actacctgsc 120
 ttttttcttg ggcatygacs tgcttcattt ccaaaaratga tggkgcaggt gaccttttcc 180
 atcgtgagct aaaaaaagggt taggagg 207

<210> 1456
 <211> 181
 <212> DNA
 <213> Homo sapien

<400> 1456
 aaattttctgt ctgctaaaat ctatcaaata cattaaggaa aagtcocact tggcacatct 60
 cccacaccag atgttaatta ttcatactgc atgactgagg attttggagg cagagagaga 120
 ttcactctgca atatttgga caccaatgga ggtctacgtc aacacagaat ttatacagca 180
 g 181

<210> 1457
 <211> 309
 <212> DNA
 <213> Homo sapien

<400> 1457
 aaaaagwtca gagttgaaat gcctttcaac cattkccctc tgtggtcatt tttcttgctg 60
 cctttttcac ccaagattca gcagtcagat gtttactgca cacctattac ctattatttg 120
 ctgttcttg c atggttcaaa ccaccattct gtagccaccc atcctttgcc ttatctaaca 180
 aacatttttc caggaagggt gaaaagggaag tggtgctctc attgtgtgac tcagtgtgctg 240
 tgtccatccc atggaaacat gggcacaatc aagtatttgt ccagcctatt gcaggctttt 300
 cctgacttt 309

<210> 1458
 <211> 117
 <212> DNA
 <213> Homo sapien

<400> 1458
 aaagactatt gagaaatagg aaggtattga gagattattg ggtttcatca kagcagactt 60
 aagtagcctg gttgatttta gatttgtcac agcaaaatca tgcttggatg ctcgagg 117

<210> 1459
 <211> 575
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 1459
 aaagaatgca taccagaaca tttataagca gtggagtgag kthtattaag aatagtacta 60
 ctacaataaa cgctggctaa ataagaagtg cattatgtga agcactatgg gtggtatatg 120
 cttwgmca tactctkgtt accttgaggy agatmacrca tgkgaaccaa cttcggcata 180
 cattttcagt tgctgcgagg aatcatgtgt ttaacgaaa tgcgtcagta tgaaaaactt 240

050306-49490501

gaaaatattc	atgaatgawg	aacgcmttag	gaaaaaaata	kstattctca	tgcaattatg	300
tacagtctca	ctgtgtarat	ctcaaggcaa	ggtttgcctc	ctgtaaacca	gatcaagggtg	360
ctatgagaga	ncgccytgnc	ttattgcatt	tcttttctcc	tmctgcgcca	gcattatatt	420
gctctagnct	ttatTTTTgt	gtgcacactg	acatgccatt	aaaratgang	ractatctca	480
catgtagaaa	argaaagnmc	ttggankcta	cctcaggctg	ctaccacgct	aaggggyaat	540
tctgcaggat	atccatcaca	ctggcgggcg	gattg			575

<210> 1460

<211> 444

<212> DNA

<213> Homo sapien

<400> 1460

ctggggggttc	cttccttcac	gttgagaacc	tggagcagag	agtctaccaa	cttaagaaat	60
attagaaaga	gttcagcaaa	cagagtgcgc	tgaagtctaa	tcctagaagt	aaatccattc	120
ctacaagtca	tcagcatcac	ttgggagctt	gttagaaagg	caaattcttg	gttcagccta	180
acacctacta	aatcagaaac	tctgggggcg	gagcgcagca	atctgtactt	tcacaagccc	240
tgcagggtgat	tctgagcctg	taaaatttga	gaaccagagc	tgtccccag	gagataaatt	300
aacttctact	tttttttgag	ctactgcatt	ttgggatctt	attgttttat	cagcttaaca	360
tgcactctga	tatgattact	caggatgtt	tcaaccaatg	ttgggttaatg	tattatcccc	420
aggaacttat	tactagagga	gcag				444

<210> 1461

<211> 536

<212> DNA

<213> Homo sapien

<400> 1461

ctgcaaccct	gggactgacc	gggaggctct	gattatttac	ccmaccacag	gtaggttgtg	60
ttctgaatct	caggttcaca	ggttaagggt	cagcatcctc	atcctccacg	gggttgaggt	120
tgttgctggt	gatgaagggt	ttgggtggct	ctgcatagac	tgtgatcgct	gtgactgtgg	180
tcctattgag	gccactggct	gagttattgg	cctggcaggt	atagagtccg	ctgttcttct	240
cagtgatgtt	ggagataaag	agctcttggt	tgtgttgctg	gatgttccca	tcaatcagcc	300
aagaatactg	tgcagggtggg	ttagaggctg	catggcagga	gaggctgagg	ttcaccctg	360
gacggtaata	ggtgtatgag	ggggaaatgg	tggggkctc	ygggccatag	aggacattca	420
ggatgactgr	gtcgtgtgts	tyaractta	atkogttctg	gattccacac	tcatagggtc	480
ctacatcatt	ccttgtgaca	ytgartagag	tgagggtcct	gttgtcattg	gacagm	536

<210> 1462

<211> 409

<212> DNA

<213> Homo sapien

<400> 1462

ctgakagacc	aggagaagtt	ccagatgcag	agactgtgat	gctcttgact	atggaattat	60
tgcgccaggt	agccaagtta	gagacaaaac	aggcataggt	cccgttatta	tttggcgtga	120
ttttggcgat	aaagagaact	tgtgtgtgtt	gctgcgggat	ccattgata	cgccaagaat	180
actgcgggga	tgggttagag	gccaggtggc	aggagagggt	gaggttcgct	cccgaaaggt	240
aagacgagtc	tgggggggaa	atgatggggg	tgtccggccc	atagaggaca	tccaggggtga	300
ctgggtcact	gcggtttgca	ctcactgagt	tctggattcc	acatacatag	gctcttgctg	360
catttcttgt	gacattgaat	agagtgaggg	tcctgttgcc	attggacag		409

<210> 1463

<211> 502

090967860

<400> 1467
 ctgtcagaac aggaacgacc tgggttatgg aagcccagaa agggaggagg acttccttttg 60
 gtcccagtga aagatgcttc cagaatctgt agccttactt atttgcttgg atctcactgg 120
 aataacttgg tgggtgaggtc accggttctg gggatgacac tgggtttgct gcatagatgt 180
 ttggatagat gacactcaca ttgcttgatt gacagcagac caa 223

<210> 1468
 <211> 177
 <212> DNA
 <213> Homo sapien

<400> 1468
 ctgcattatg tgtgttttaga acgagaagtt gtttgtacag tttttttcta ttgaccgctt 60
 ccgtcttgcc tgaaacctgg gcattctttc caatagacag aaaatcagag agtcaaactt 120
 gatgcgcaat gaggttgtct gagaccagta atccacggtg ctgcaatttg gggtttt 177

<210> 1469
 <211> 185
 <212> DNA
 <213> Homo sapien

<400> 1469
 ctgaagctga gaagtagcct atctatggar gagacttttg tttgtgttta attagggcta 60
 tgagagattt caggtgagaa gttaaacctg agacagagag caagtaagct gtccctttta 120
 actgtttttc tttggtcttt agtcaccag ttgcacactg gcattttctt gctgcaagct 180
 ttttt 185

<210> 1470
 <211> 482
 <212> DNA
 <213> Homo sapien

<400> 1470
 ctgaccagga gggacggttc tgtggacgag gacttcgtag ctgaggagcc agatttcctt 60
 ttggtccctt cctcctggaa tggaaatcgt ggcgtactgt ggagatctga gttgatgtag 120
 cacctgcttc ctccgatgta gtccgcaccc cggaccagat gccgctcggc cgtgggtctg 180
 gagaaccggt atgggggaga ggagctctct tcaatgatcg gaggaatccg ctcggtactg 240
 aaataccggc aaagggcatc ctcccccttc ctgccatgac ctcgaggtct ggcaaaaggg 300
 tccacaatcc ccatccagtt cccatcagca ggcattggaca aaggccgtgg cttgccttca 360
 gagggacgag aaagaagggtg acaagtttga tgagttctgg aacttttagtg aaccgttccc 420
 tttatgtata acttagacct cacaatacca caccactta gacagaagca ataacaaatt 480
 tt 482

<210> 1471
 <211> 257
 <212> DNA
 <213> Homo sapien

<400> 1471
 tgtgtgaact tagactkwtc aattcaacat ttttaacrta tkaaatacta ttgtgaattc 60
 aatgaagtgt tcttatgcca ctaactttta cctattccct tactcamgga ttaggyaaa 120
 rgatggtaac aatacactat tkggcaagat aatgtmctga catmtytagc aatstttttt 180
 gmcagtggct tkcaactgma mwkaaskkam mkaatattgy tkctgtwsgt arattattat 240
 tctgwywya atcattt 257

<210> 1472
 <211> 342
 <212> DNA
 <213> Homo sapien

<400> 1472
 cttttgcgag cctctgccgc agcagctccg ttttcacgcg catctcgttt ttgtgtgtgt 60
 gtttttgttt tgtttttgtt tttgtttttt tgtttcagag aattggaagc taaagctacc 120
 aaagacgtag aaagaaatct tagcaggtaa gatgggcgag ctttccgtct cccgccccac 180
 gataatcgta tatttctact ccgattcgcc ctttctgggt tgagaagtto ccccgtagaca 240
 ttttcttccg caccgggaga gcagacattc gggagaagcg gcctggggga atactggagg 300
 gattgcgggg agatgcgtaa ttacgcgtgt gtttctttct tt 342

<210> 1473
 <211> 526
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(526)
 <223> n = A,T,C or G

<400> 1473
 ctgctacatg ttttcacagc ccaggaattc aaggcccagg tggcagcagg aagaaacagt 60
 ggaaaagcaa ggggaagaga aaagagaaaa aggaggggga aagtctgcat aactgtcata 120
 acctctgctt ctctgtctct gtaacaaacc cacaaccagg aagagtcag gtctggaaca 180
 atcatgggac cccaaacgcc tgtaggtttt ttaccaccaa acatcaccca tggctgctct 240
 aagctgtcat tttgttccca cagttaccta gcacacagga tgcccaattt atggcccagg 300
 aaggctgacc caggctaagg gcagtctcac tccacagcca tgcaatggac agtctgaatg 360
 tttcctaccc cagaccttta ctgacctota ctatttcctc ctctgatata aaagaaaaac 420
 acttttaatt ttctnctgca tntacatct cctnctaaaa antttggcct aattgncatc 480
 aaaaccttgt aggaatctga aattttgggt cttctgaatc ttancc 526

<210> 1474
 <211> 187
 <212> DNA
 <213> Homo sapien

<400> 1474
 aaacttgttt gctgtgaaca attgtcgaaa agagtcttcc aattaatgct ttttatatct 60
 aggctacctg ttggtagat tcaaggcccc gagctgttac cattcacaat aaaagcttaa 120
 acacattgtc caaaaaaaaa aaaaaaaaaa gccccykccc sgggggscck ttmaagggr 180
 aawtccc 187

<210> 1475
 <211> 474
 <212> DNA
 <213> Homo sapien

<400> 1475
 ccattctctt tatctcaaac cgaagaaaga tatgatgcag gcagtagttt tttcttagtg 60
 cctcatagta tctaatagca gaaagtgagc cgcatagcgg agcacattag tttttatgta 120

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```
<210> 1476
<211> 401
<212> DNA
<213> Homo sapien
```

```
<210> 1477
<211> 753
<212> DNA
<213> Homo sapien
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```
<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G
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<210> 1478
<211> 421
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(421)
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<223> n = A,T,C or G

<400> 1478

aaacctatac	tcactttccc	aaattgaatc	actgctcaca	ctgctgatga	tttagagtgc	60
tgtccggtgg	agatcccacc	cgaacgtctt	atctaatacat	gaaactccct	agttccttca	120
tgtaacttcc	ctgaaaaatc	taagtgtttc	ataaatttga	gagtctgtga	cccacttacc	180
ttgcatctca	caggtagaca	gtatataact	aacaaccaa	gactacatat	tgtcactgac	240
acacacgtta	taatcattta	tcatatatat	acatacatgc	atacactctc	aaagcaaata	300
atthtttca	tcaaaacagt	attgacttgt	ataccttgta	atttgaaata	ttttctttgt	360
taaaatagaa	tgggtatcaat	aaatagacca	ttaaccaana	aaaaaaaaa	aaaaaaaaa	420
a						421

<210> 1479

<211> 214

<212> DNA

<213> Homo sapien

<400> 1479

ggaaatatat	aataaaaaatg	ttaaccagaa	ggtaaacttg	agtgtaatg	tcagacagac	60
acacttttcc	accagtgtat	ttgaatttta	gaccagtgc	cctgttttgt	ggcattcatg	120
caaaacatgc	tgagggtttt	gttcatctgg	tcacgtgtgc	caaatttcag	tcattgtttgt	180
agcaagattt	tggaagcatt	catatttcc	tttt			214

<210> 1480

<211> 434

<212> DNA

<213> Homo sapien

<400> 1480

ggaggccgct	tacgtaaagc	ccaggggaca	ttcaacagcc	cctactaccc	aggccactac	60
ccaccaca	ttgactgcac	atggaacatt	gaggtgcca	acaaccagca	tgtgaaggtg	120
cgtttcaa	tcttctacct	gctggagccc	ggcgtgcctg	cgggcacctg	ccccaggac	180
tacgtggaga	tcaatgggga	gaaatactgc	ggagagaggt	cccagttcgt	cgtcaccagc	240
aacagcaaca	agatcacagt	tcgcttccac	tcagatcagt	cctacaccga	caccggcttc	300
ttagctgaat	acctctccta	cgactccagt	gacccatgcc	cggggcagtt	cacgtgccgc	360
acggggcggt	gtatccggaa	ggagctgcgc	tgtgatggct	gggccgactg	caccgaccac	420
agcgatgagc	tcaa					434

<210> 1481

<211> 131

<212> DNA

<213> Homo sapien

<400> 1481

aaaatcccc	taaatctttt	ctgtcctgag	gtagttgcaa	aataaatcat	aacttggata	60
tcaactagag	ctgaggcttt	gactttttac	tcattaaaac	tagttgttac	aggaactacc	120
tttagatatt	t					131

<210> 1482

<211> 324

<212> DNA

<213> Homo sapien

<400> 1482

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tgctcgctcc	tcagaggctg	aaaacatgag	aagctaggtg	tggtgaaacc	aaagcagctt	60
tattgttcaa	atgctaaaga	cgggaggatg	gactggctca	agccttaaag	aaaccatctc	120
gactttttga	actcagtga	cgggtttaag	gaaaacgtgg	gaaatatgca	aaggtggtgc	180
aggagggtgc	aggtctgtgt	gtcttattcc	catggatata	ttgagtaata	gcttgtccag	240
aggtgggggt	tgtgtcatcc	tgaattcaac	ccagcaatgg	tagggtagct	ttcataactc	300
accctaagcc	agaagattcc	tcag				324

<210> 1483

<211> 393

<212> DNA

<213> Homo sapien

<400> 1483

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ttctaaagca	atactttaga	tatatTTTTc	tagaatggat	ttattagatt	actttttgga	300
aagcatttga	cctaaattaa	atatagagct	ctgaaaactta	gaataaaaatt	tgcaacttgct	360
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<210> 1484

<211> 323

<212> DNA

<213> Homo sapien

<400> 1484

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cttgtcattc	tatcagattt	agcagatgca	tccttaactc	ggttatgata	ttccaaaaga	240
aatgttcgtt	cgtgctcaaa	gaaatcatct	acatccttta	ctcctgaaac	gattactcca	300
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<210> 1485

<211> 405

<212> DNA

<213> Homo sapien

<400> 1485

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cctcccggag	actattccgc	aaatccgcag	cccagttcca	taacctgcgg	tttggggaac	180
ggagagatga	gcaaattgaa	ccggagccca	aattatggcg	aggccggaga	aacacccccgt	240
actggtactt	cttgcaagtgc	aaacacctga	tcaaggaagg	gaagctgggt	gaagccctgg	300
acctgtttga	gaggcagatg	ctgaaggagg	agcgattgca	gccccgggag	agcaactaca	360
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<210> 1486

<211> 230

<212> DNA

<213> Homo sapien

<400> 1486

F0E050" 9264860

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 tagtcattgg atttactggg attctctttg tgacaagtag gagccaaggg gtcatgcagg 180
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<210> 1487
 <211> 273
 <212> DNA
 <213> Homo sapien

<400> 1487
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<210> 1488
 <211> 452
 <212> DNA
 <213> Homo sapien

<400> 1488
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 agatatttaa gtagatgctt tccaatccca ttcactgcat taattagctt acctcttata 180
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 attaaacttg atgcaagtta tgagaaaacca atttattggc aaatgaaact gagcattcct 360
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<210> 1489
 <211> 653
 <212> DNA
 <213> Homo sapien

<220>
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 <222> (1)...(653)
 <223> n = A,T,C or G

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 tttctttcag gtgccccatg aggaagactg catcatgtca cttccactca cttggggaga 300
 ttctaggact gagacacaaa gttccccag agtttctgct aatggaaggg gaaacagggtg 360
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 tttggctttc ccagggtccc acttgacttt catataagct gagatgacct attacgggaa 480
 aaattaggga acacctaata aaaccaactt tcaaaaactc ctatttatca tggatgtgcc 540
 acgatcgaga gaatcnaaca cnaactgnct gtnagagagg ccttcattnt gnctcatctt 600
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<210> 1490
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 <212> DNA
 <213> Homo sapien

<220>
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 <222> (1)...(363)
 <223> n = A,T,C or G

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 cctgccagtc tttgctcaat gggagatgac agaccaactt ctcaacgtga tttccccatt 300
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<210> 1491
 <211> 163
 <212> DNA
 <213> Homo sapien

<400> 1491
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 tatcccttaa cctgccacca gtgtccaccc tccggccccc gtcttgtaaa aaggggagga 120
 gaattagcca aacactgtaa gcttttaaga aaaacaaagt ttt 163

<210> 1492
 <211> 184
 <212> DNA
 <213> Homo sapien

<400> 1492
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 tggacactga gaactgaaac tgtctacacc aagtttacia tctatattaa ctatcattwt 180
 acag 184

<210> 1493
 <211> 273
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

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05050" 92964350

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 aagacaaatt atgattactg ataatatgca aatgtggtct ataaatttat gaatgtgact 240
 tccaagggga atatggtatg gaagcccatt ttt 273

<210> 1494
 <211> 343
 <212> DNA
 <213> Homo sapien

<400> 1494
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 aaaagaaagt ccaatagaaa caagcaggat aatcaaacca ggaggaagca gagactatat 180
 agagaaagaa aaaaagacac atgggaataa cggcaataat actgacaata cacctacca 240
 taaacttatc agaatgaatt tgttgagaa atatatggag gggagggtact tgtgtgtgtg 300
 cacaggcact catgtacacg tgtgtatgtg tatgtttttt taa 343

<210> 1495
 <211> 378
 <212> DNA
 <213> Homo sapien

<400> 1495
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 aatccagtga aaagcacaaa aggggtcaat tctggagtta gctttttagt gggagggtgt 240
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 agtttgggag gtagtcttat actcatcaac aactctgcag acacttttaa gggaactctc 360
 caagcatcta aaagattt 378

<210> 1496
 <211> 181
 <212> DNA
 <213> Homo sapien

<400> 1496
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 g 181

<210> 1497
 <211> 373
 <212> DNA
 <213> Homo sapien

<400> 1497
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 gacggggaga tcagcatttg catggaacac atggacggcg gctccctgga ccagggtgctg 180
 aaagaggcca agaggattcc cgaggagatc ctggggaaag tcagcatcgc ggttctccgg 240
 ggcttggcgt acctccgaga gaagcaccag atcatgcacc gagatgtgaa gccctccaac 300
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atcgactcca tgg

373

<210> 1498

<211> 337

<212> DNA

<213> Homo sapien

<400> 1498

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gagagtttgc	cagatctgaa	gcataacac	cattgactag	gctgttactt	tgggataggt	180
tgcagtacca	gccacagcca	gcagatagag	gaaaagacac	acataaactc	gcttctgagc	240
gtccacttct	gcactctctg	ctctgctgtt	actcagcccc	tgagtctgac	tcactctctg	300
acaacctctc	tgtgccatga	agataagtct	tccatgg			337

<210> 1499

<211> 314

<212> DNA

<213> Homo sapien

<400> 1499

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cacagatcct	gagcatcggt	ttgagcttgc	tcttcagctt	ggagagttaa	aaattgcata	180
ccagtttagca	gtggaagcag	agtcagaaca	gaagtggaaa	caacttgctg	aacttgccat	240
tagtaaagt	cagtttggtc	tagcccagga	gtgcctgcat	catgcacagg	attatggggg	300
cctgctgctt	ttgg					314

<210> 1500

<211> 321

<212> DNA

<213> Homo sapien

<400> 1500

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aggtcttcca	tccttcttat	aaatcttaag	actgtgttta	agctttcttt	cacttttact	180
ctatcccttg	gaagttaatt	gggaataaaa	agatttatca	atttagtcac	tataatttaa	240
ggccaggcat	ctgcttgga	atacaataac	cacaattaat	acttagagaa	aattgtttca	300
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<210> 1501

<211> 557

<212> DNA

<213> Homo sapien

<400> 1501

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tccatatggg	tgagccagcc	tagagacaga	acagggggaag	ccagcgggtg	ctgcagcgac	180
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ttgtgggttg	gctgccactc	taaccctcgt	tgctctcca	tctgggtctt	gggtggcaga	300
gcagcctgtc	tctgtggcag	aggaaaagag	agcactgggc	agcacaggct	gactctcaaa	360
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aatattgccc aacagtggta tggcccactg cctgggggtg tgggtggaag gctggcagga 540
caagggagac cacgtgg 557

<210> 1502
<211> 249
<212> DNA
<213> Homo sapien

<400> 1502
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gctttgcgta cagctcccag gagaaggctt gccgagatgt ggacgagtgt ctgcagggcc 120
gctgtgagca ggtctgcgtg aactccccag ggagctacac ctgccactgt gacgggcgtg 180
ggggcctcaa gctgtcccag gacatggaca cctgtgagga catcttgccg tgcgtgccct 240
tcagcgtgg 249

<210> 1503
<211> 302
<212> DNA
<213> Homo sapien

<400> 1503
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gaggtaatac aggggaagcta ctctttccag ctgagaagga gttgatgaag cccatatatg 120
cattcaagaa gcccatggga tcctctagct gtggatagtg gctaagtgtg tcatccagaa 180
tcgacactgt ggaccgcggc agcgttttcc tgtacagctc caaaaactct ggatagggat 240
ttacaggatc caatggccca tagataaaat gaatggggat agttacagag gcaagagctc 300
cc 302

<210> 1504
<211> 430
<212> DNA
<213> Homo sapien

<400> 1504
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actgggcatt ataattggctc tttttgaccg cacacgcact ggcaagggtc aggtcattga 180
tgcaaatatg gtggaaggaa cagcatattht aagttctttt ctgtggaaaa ctgagaaatt 240
gagtctgtgg gaagcacctc gaggacagaa catgttggat ggtggagcac ctttctatac 300
gacttacagg acagcagatg ggggaattcat ggctgttggg gcaatagaac cccagttcta 360
cgagctgctg atcaaaggac ttggactaaa gtctgatgaa cttcccaatc agatgagcat 420
ggatgattgg 430

<210> 1505
<211> 164
<212> DNA
<213> Homo sapien

<400> 1505
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aatgatcccc aggagccccag cttccaaacc ccaacatcga atcaaacatc tccatcccca 120
agtgcagtaa cacacaaaaa ccaaacactc tgccctggga aagg 164

054966 05034

<210> 1506
 <211> 189
 <212> DNA
 <213> Homo sapien

<400> 1506
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 ggtatgtttg tttcacattc agtcctaaag ccttgagcta tgtgtacttc cctcacacag 180
 gaacaccag 189

<210> 1507
 <211> 268
 <212> DNA
 <213> Homo sapien

<400> 1507
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 atcctgtccc tgggcaggct cgggtggcaat gtctgtgatt ggcactctgg gcccagccag 180
 ctctcgcctc agtacaatgt tgggaccctt tgctgggatg tcaaacacca gcacccggcc 240
 tgaccacgtt cccacacaga tgaagtgg 268

<210> 1508
 <211> 159
 <212> DNA
 <213> Homo sapien

<400> 1508
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 ctcaagtggca gtattgaact gcctttatct gtaaatttt 159

<210> 1509
 <211> 234
 <212> DNA
 <213> Homo sapien

<400> 1509
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 actcagacac actcacggga cagcacagaa cttgattctt ctttgtctgt tgcccaaaga 180
 acctgttctt tgagtctggt ccaggtgact tgtaatgata cctcttacgg tttt 234

<210> 1510
 <211> 437
 <212> DNA
 <213> Homo sapien

<400> 1510
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 gggagaaaaca gatgctggag gagcatttag ggccagagtg gaggcacaga ggaagctggg 180
 atttttcaac taccacctcc ttggttactc ctgggattcc cttaggattt cacggcacia 240

0949626-050301

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<220>  
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<222> (1)...(511)
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<223> n = A,T,C or G

<400> 1514

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agaaaatgtt	cattctgctc	agtgatccag	gagtgtgagg	acagtagctt	cctttccacg	180
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tgatcactga	gataagagct	gatagttcca	tttttattca	gtctccactt	ctgcctgaat	420
tgcccatgtt	cagtcocatag	agctacttta	gctccagggtg	tggtcccggc	cnccatcaca	480
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<210> 1515

<211> 176

<212> DNA

<213> Homo sapien

<400> 1515

aaaggggaag	gkgaractta	aaagtattcc	caactagatt	atctacacca	atacattgga	60
actctatatt	ttgctttcat	tttgtcttaa	aaaaatgaaa	tagcaacgct	ctatcagtca	120
cacagaggac	atgcarattt	agcagtattg	atattatact	ctatcttggt	ggattt	176

<210> 1516

<211> 309

<212> DNA

<213> Homo sapien

<400> 1516

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aaggacctga	tggtcataaa	ccgctccacc	accgagctgc	ccctcaccgt	gtcctacgac	120
aaggtctcac	tggggcggct	gcgcttctgg	atccacatgc	aggacaccgt	gtactccctg	180
cagcagttcg	ggttttcaga	gaaagatgct	gatgagggtga	aaggaatttt	tgtagatacc	240
aacttatact	tcctggcgct	gaccttcttt	gtcgcagcgt	tccatcttct	ctttgatttc	300
ctggccttt						309

<210> 1517

<211> 182

<212> DNA

<213> Homo sapien

<400> 1517

ccaacatcta	atTTTTTTTtac	TTTTTtaatta	tagctgttgt	gactgatgtg	agatggcatc	60
ttactgtggt	TTTTTgcttgc	atTTTtttat	ttgatgatta	gtaaggatga	gtgttttttc	120
atatacttga	gtgtcttctt	ttgagaaaat	atctgttcat	gtcctttgcc	ttttcttgat	180
tt						182

<210> 1518

<211> 548

<212> DNA

<213> Homo sapien

<400> 1518

cctgagggag	agggaaaagc	ggatacccac	ctgtgtcgct	gtttgcgtgc	caagtccagg	60
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050301 92964850

aacagtccat	acagccctgc	tgcattccac	gacgtgtca	caaagcagga	gttcatccga	120
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actactgaca	gttaattatt	atcgaatatc	cacccaccca	gggtgagtta	taagtatac	480
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<210> 1519

<211> 491

<212> DNA

<213> Homo sapien

<400> 1519

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cagcagtatg	actgtaagtg	gtacatcccc	ctggccgacc	tggtgtttcc	atcccccgag	180
gaatctgagg	ccagccccc	ggtgcacccc	ttcccagacc	atgagctgga	ggacatgaag	240
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cgggccatcg	agcgcctgaa	gaagaagatg	tttgagaatg	agttcctgct	gctgctcaac	360
tccccacaa	tcccgttcag	gatccacaat	cggaaatggaa	agagttacct	gttcctactt	420
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ggatcttcag	g					491

<210> 1520

<211> 169

<212> DNA

<213> Homo sapien

<400> 1520

ctggtactgt	cgatttggaa	agctggctgg	aaaaaactta	ttcatgaagg	ggctgatggg	60
gtgggacagg	gccaggattc	ccagcacgaa	gaaatacatg	gacagcagga	ggttgatgta	120
ctcctgggag	aatattttga	aaaagaggta	gagccccaag	agtgtgcag		169

<210> 1521

<211> 293

<212> DNA

<213> Homo sapien

<400> 1521

aggacgacgc	tgtrgargc	aggagagca	aattaccaca	gcttcttggc	ccagttctgc	60
ccttctttgc	tttgggattg	cactgggcca	tcagctcatg	ccaggctatg	ggggcagcca	120
gttgccattg	ctccccagac	tgaacagaaa	cctggccgcc	ggatgggacc	tcctttggca	180
cagacttgac	tgtgtaactg	cataaactgc	agtagcatca	ttgccctaga	tgccccagga	240
gacctggcac	catgaggatt	acagacagtg	gaatcttact	gtcatctgga	cag	293

<210> 1522

<211> 386

<212> DNA

<213> Homo sapien

<400> 1522

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ccacgtggga	ctttgaagac	agcacaacac	agtccttccg	ctggcatccg	ctccgggcca	60
aggcggagaa	atacgaagac	agcgttcctc	agagtaatgg	agagctcaca	gtccgggcta	120
agctggttct	cccttcacgg	cccagaaaaac	tccaagaggg	tcaagaaggg	acagatcagc	180
catcacttca	tgggtcaactt	tgtttggttag	tgctaggagc	caagaattta	cctgtgcggc	240
cagatggcac	cttgaactca	tttggttaagg	gctgtctcac	tctgccagac	caacaaaaac	300
tgagactgaa	gtcgccagtc	ctgaggaagc	aggcttgccc	ccagtggaaa	cactcatttg	360
tcttcagtgg	cgtaacccca	gctcag				386

<210> 1523

<211> 178

<212> DNA

<213> Homo sapien

<400> 1523

aaaaagccta	tcccatactg	aattgtggga	acctatgaag	tgtctcttaa	tgtcaattaa	60
aagtaacagt	ggctgcagat	attgatttct	gaaagtacat	gagaatttgt	ctctaactat	120
ggttgaaaca	acaaaaccaa	atctgaatca	ggtagagggtc	taccagacac	aaactctg	178

<210> 1524

<211> 319

<212> DNA

<213> Homo sapien

<400> 1524

wycacagcwg	aaatggggca	ctgaagtgtg	gagscacaka	atgcggggagg	gcagaaccac	60
agacaggagg	ctgagattga	cctcctgagt	gcaagctggt	ctccccttca	cctcctgcac	120
cctacgcaga	tgggtgcttac	cataggattg	ccgtaaaaca	gagacacgca	ccagcgagaa	180
acttttagccc	ttagtatccc	atcctcagga	cagaatcact	cttaaacaatg	ttgaaataca	240
tctgcttaga	gcttttctat	gtgtctatat	aatgtatgca	taatatacaa	ttagaagcat	300
gtgattttat	aacattttt					319

<210> 1525

<211> 467

<212> DNA

<213> Homo sapien

<400> 1525

ccagactaga	cagagatcag	gtcatcaggg	gagcttccga	gcttcagcaa	agccacaggg	60
tagctctgcg	aactcagaat	gctaccctac	cttccctgca	ggccgctgtt	catgtctgga	120
ctcctggggg	cgctatttaa	tgtttacccc	catctccagt	gccccctcca	aggctgtgca	180
gtgtcttggg	gctctcaggg	ccaacatcga	agagatgggg	gccacctctt	aacacctggc	240
aacagtctcc	cctcatcctg	attcctgaca	acagacaaaa	caccggtttc	tagggtttat	300
ctgtttgttt	tttgagttga	gggttcctca	gggccttggc	attgctagt	atgggtccct	360
ttgctgtgtg	agaacccccct	caaccccttc	ctcctccctc	tggggatgaa	gtgggagtat	420
ttggctcccc	atttttgaca	aaagggctca	gtgcagggag	gtggagg		467

<210> 1526

<211> 439

<212> DNA

<213> Homo sapien

<400> 1526

aaactgttta	ctggagaaaa	tcctcgctca	tgtccattta	ttgttttttt	ctgtactgtg	60
atttgtttca	agcttaggaa	aactagtata	ttagagtatg	ttctaggaaa	ttaaaagatc	120

09049536
050301

tggttagagt	aaaaagttct	ttttaagggt	cttaactaat	tttttcacaa	ctaagaaaat	180
aaatgaagta	ttcttaggct	gaaattcatc	ttattttatc	ataaattaga	ttgtaggggc	240
agcctacatt	tttgtgtatg	tggttttatt	tcttaaatga	ttgtgtgagc	ctgggtgacat	300
tttatgggtc	ttgtgatcta	aactgttttt	ccaattcaca	tcttttgctg	tgaagtgata	360
ttatactaga	gtactgtttg	cattgtaaaa	atgctttgct	ggtgctctgg	cattttgtct	420
ttatctcatc	acctaattt					439

<210> 1527
 <211> 609
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 1527						
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tottgccaca	aaatctcgaa	gagctgccat	ttcagggttcg	gacagtgaat	acacatgtcc	120
actgggaata	ctgtgtgctc	caggatatcat	ttctatgtga	gggtcaacca	ggcgggtgatc	180
tggttagacg	tgctcatcta	ctggagtgtg	cacattctgg	acatagtaat	acctcactgg	240
ttggtaaact	ctgtatccat	ctactggata	atagagtggc	ggttgtggtg	ctgggtggtg	300
gagcgatggt	ggtattggag	aatacatccg	gcagtggtag	cggcagtatt	cagaatcaaa	360
gacgatagat	cgagtgtccc	atgtgatatt	gggatcatgt	gtgctcagcc	agcgaacccc	420
taggacgaca	gggaagaatg	gagactgagt	cacatcaaat	gacagcacct	ctcgggtgatc	480
tcccagggtca	actatcagggt	cgtgagtttc	gtggacaact	gggcccgatg	ctatggggcg	540
cccatcaatt	gcttcacaaa	gtattggacc	cgccccggcg	gncgctcgca	agggccgaaa	600
ttccagcac						609

<210> 1528
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 1528						
tgatgtaatg	aattcatatt	tattgatata	gaaaaatatg	atataatcca	tctaaaaagc	60
aagttacaaa	acagtgtaca	gtgtaccata	gtacctatga	acacaattag	tgaagtaatt	120
tgcagagcta	taataccaaa	tcagaaatta	ttttggtaat	gaatttatga	ttttcctcgt	180
tttctgattt	tttccatgat	ctcatatact	ttattctcag	aaaacaaaag	acaaaacccc	240
acacatacac	aaaaataaac	gagtaacttc	tttacaaccc	cagaggctaa	gtcagtggga	300
aaagagggaa	atgaatgggt	atgagcataa	acacaggggac	aaataaaaaga	agtttgagac	360
acagagaaca	attcacaaat	cagaagtcatt	ttt			393

<210> 1529
 <211> 143
 <212> DNA
 <213> Homo sapien

<400> 1529						
atccgataga	atccagttca	atgaccttca	gtcttttactc	tgtgcaactc	ttcagaatgt	60
tcttcggaaa	gtgcaacatc	aagatgcttt	gcagatctct	gatgtgggtta	tggtcctccct	120
gttaaggatg	ttccaaagca	cag				143

09049626"050301

<210> 1530
 <211> 636
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(636)
 <223> n = A,T,C or G

<400> 1530
 gtggagaagc ggcttggtcg ggggtggtct cgtgggggtcc tgcctgttta gtcgctttca 60
 ggggttcttga gccccttcac gaccgtcacc atggaagtgt caccattgca gcctgtaaat 120
 gaaaatatgc aagtcaacaa aataaagaaa aatgaagatg ctaagaaaag actgtctgtt 180
 gaaagaatct atcaaaagaa aacacaattg gaacatattt tgctccgccc agacacctac 240
 attggttctg tggaattagt gaccagcaa atgtgggttt acgatgaaga tgttggcatt 300
 aactataggg aagtcacttt tgttcctggn ttgtacaaaa tctttgatga gattctagtt 360
 aatgctgcgg acaacaaaca aagggaccca aaaatgtctt gtattagagt ccaattgatc 420
 cggaaaacaa tttaattagt atatggaata atggaaaagg tattcctggt gttgaacaca 480
 aagctgaaaa gatgtatgtc ccmnctctca tatttgga gctcctaact tctagtaact 540
 atgatgatga tgaaaagaaa gggacaggtg gtcsaatgg ctnttgagcc naattgtgta 600
 acatattcag tacccaattt actgnngggaa acagcc 636

<210> 1531
 <211> 194
 <212> DNA
 <213> Homo sapien

<400> 1531
 aaaaggcaga gcattctttt ttoggcaatt ttgataagca aggtgtagat ttacattttt 60
 gtccttgctc ccaacgaaat ggataaaca aaataactta ccatctactc atggaatgtt 120
 gttgtgttag ccagtctgaa ggcccacctt aatttttata taactgtctt tagctcttct 180
 tttgacaggg cagg 194

<210> 1532
 <211> 300
 <212> DNA
 <213> Homo sapien

<400> 1532
 ccatacaagg taattttgac aggttccttg gattaggaca tgggcatctt gggaggccac 60
 tactggccta ccacaactgg gcagcaaac tattacacc tccggtataa tagttttggt 120
 gtttcaatga ctgggaggaa aagggttgga attttttgct ttgggtccc tcttaacctt 180
 gtatttttaa ggtctgggac tcaccaaccc tcccctcca accagagaaa ctactgcag 240
 tatctccttg aaagtctggt gacgagtctg tctaagtgtt ggtgagaggc acaggaccaa 300

<210> 1533
 <211> 521
 <212> DNA
 <213> Homo sapien

<400> 1533
 gttcctttgc accctgtaga tgttctagga tagttgatgc atgttactaa attacgtatg 60
 caagtctgtg agtgcgtctg aggggacatc gccaaaggact gactgagaca cgatgccgag 120

```
<210> 1534
<211> 181
<212> DNA
<213> Homo sapien
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<210> 1535
<211> 544
<212> DNA
<213> Homo sapien
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<210> 1536
<211> 591
<212> DNA
<213> Homo sapien
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<210> 1537

<400> 1537

<210> 1538

<211> 363

<212> DNA

<213> Homo sapien

<400> 1538

ggacctgact	ttgagtccat	cagagacaaa	gtgagtgaga	tgcacataca	gtgtttccag	60
acctgactca	gcccatctgt	ctgttaggaa	actttatgaa	gacgcccccc	agaattaaac	120
cctaattcaa	atgtctcact	ctgaatagag	accttctgaa	ataatcttgg	tatagagacc	180
cagacacgtg	ccttttgcc	taaaataaaa	atatttagcc	catgttgttt	tatgtatctg	240
tctttcagtt	agttttgaag	gcccgcacgg	aaaagtgggg	cctgtgcacc	tgaaaagaaa	300
tgtgtatgtt	atgtggttgt	tggtctttcc	tactagagtt	atcttgataa	ttgtgaagag	360
tgg						363

<210> 1539

<211> 371

<212> DNA

<213> Homo sapien

<400> 1539

ctgtgggggt	ccttccagag	aggagctgag	atacgctac	ctggaggggc	ccctgggcct	60
ggaggggctc	ctcagtgatga	ctgggtgaag	tgttttcaga	ggaccagggt	tgaggttggy	120
ggcatctcat	ccagaccctg	cggcatctg	cccagaacc	caagggcccc	tcttctctcc	180
ctctcaatg	gaaatgctgg	agatgtcttc	agtcacctc	tgagcactca	cacatcacc	240
cttatttgga	aatttttctc	actotaacct	tcttctctgc	tgcaccttct	gccccatccc	300
caggctctgg	cctctctctc	tctctttcta	cccttttagca	ggtaatgact	cagttcccac	360
tgaggagcca	g					371

<210> 1540

<211> 403

<212> DNA

<213> Homo sapien

<400> 1540

ctkgacgtga	tggagcaggt	gagcagtgcc	cgtggggctt	gccagagggc	tgaggaggac	60
cctctctaac	cagctccctg	tcccccttct	tctgtagctt	gagtggaaga	agacactgct	120
ggacaggatg	gttcacctgc	tgagtcgagg	ttatgtactt	cctgttgtca	gttacatccg	180
aaagtgtctg	gagaagctgg	acactgacat	ttcactcatt	cgctattttg	tcaactgaggt	240
cagcaatgca	ccgttggttt	catgtttcat	actgtttaca	ctagactctg	cttttttggc	300
ttaatttagt	tcatTTtgta	cctaactgag	aactgtgctt	tctgatgtag	tgatgacaat	360
gacagatact	cgttttaccaa	aaagcacctt	ctgcctgcag	cag		403

<210> 1541
 <211> 428
 <212> DNA
 <213> Homo sapien

<400> 1541
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 aagcctggag atagatttgt gataagccat tgctgagtag atcctagagt tcttgataat 120
 ttcagtttgt taaattacaa tagtttgcta tttcctccct cacattttat gttctacagt 180
 atctagctgc ttgggttttc ctgtatacca tggggcttct gtcactctggg ctttactcag 240
 tggcatattc cctctgccta aaactctcct cccctctcca ccttagaagt agcttttct 300
 agaacggttt tcccagggtt tcacctaagg tgatagtaca atctacaggg acctgcacat 360
 gaagaccttt gcatacatgc caggaagttg gactttatct ttggaaaaag ggagcctttg 420
 aaggtttt 428

<210> 1542
 <211> 345
 <212> DNA
 <213> Homo sapien

<400> 1542
 awttaaatgc ttagcaagca gcaattccac gatggtcaaa ttcctaatat gagagaagta 60
 gaaataggaa aaataggtca ccctgatact tatgttttca ttttgcttaa tatacgtttg 120
 tatatttcaa tataacatta atagatatcg tgtcccttca cagttctaaa gtagtaagca 180
 aaatgaatta atttaaccta tgcaattaaa accaatttgg aagaatattg aggtagcaca 240
 ctgttacggg aattagtatg actcagtaat gcagttgaaa gttagtggct cctaattccag 300
 tatgaatcat ggagatgaga gaaatgatta gataaagaga tattt 345

<210> 1543
 <211> 420
 <212> DNA
 <213> Homo sapien

<400> 1543
 aatattgaat ttctagaagc agtatattgc ttactgcttc ttaattacgt tatagatgag 60
 gtggaaatga taaaaactaa agaagcaaga ttaattcttta acacacattt caggctgttg 120
 taaaagaata aacaatgctt catataaact tctagcaaat gacttcctaa tgaggctctg 180
 aaacagtctt tagggcacgg aatgtcatca cataattaag cagctttaag cctttattaa 240
 aaggcttaaa gtcgcaaaca atgaaatctg aaacaaactg taccatatta aactttttga 300
 tgatatttca aattcagtaa aagaaaaaaa ggatgggttca gaataacatc acgtatttcta 360
 atcctgaaac acataacaaa tgcacttgaa acagcaattc ttaaaaaggt tttgcccttt 420

<210> 1544
 <211> 306
 <212> DNA
 <213> Homo sapien

<400> 1544
 ctggcttcac tctactccc tctctgctcg cagcacgtcg gccgccagct ctttgatgtg 60
 ttcccaggcc cgtgcacat gggcagattc caccgtgcga gaacagatgg caaagcgcag 120
 gacaaacttg tccctgaggt gacatggaac caagtggatt tttttggcac tgtttattct 180
 ttgcagaaga gcttcattca ctttggttga acccttttagc cgaaagcaga caagccccag 240
 aatgacttcc acacagattt caaagcgggg atcctggcgc accagtgact caaactcatg 300
 ggacag 306

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<400> 1545

<210> 1546

<400> 1546

<210> 1547

<400> 1547

<210> 1548

<400> 1548

<210> 1549

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<211> 438
<212> DNA
<213> Homo sapien
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<400> 1549

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gtggggaccc	ggtctttcct	cactgccaa	tggaactcct	ctgggggagg	ccctgacctc	120
ctggtgactg	gagacaatgg	cgactttacc	cttcgactag	aggatgtgag	ccaggcccag	180
gctgggacct	acacctgcca	tatccatctg	caggaacagc	agctcaatgc	cactgtcaca	240
ttggcaatca	tcacagtgc	tcccaaatac	tttgggtcac	ctggatccct	ggggaagctg	300
ctttgtgagg	tgactccagt	atctggacaa	gaacgctttg	tgtggagctc	tctggacacc	360
ccatcccaga	ggagttttct	aggaccttgg	ctggaggcac	aggaggccca	gctcctttcc	420
cagccttggc	aatgccag					438

<210> 1550

<211> 204

<212> DNA

<213> Homo sapien

<400> 1550

aaaactaagt	tattccaaca	ctaaaagcat	acaacagcat	gccaacagta	atatattatt	60
ctccaagact	ttacctatgt	aagtgttcaa	aactctgcag	cattaaacaa	cgtgtatgca	120
aattgttatg	gatacatttc	agaatctaag	aaatcaggca	agtgcctaaa	aggccaacgg	180
tccaagggat	tacatctgca	gttt				204

<210> 1551

<211> 132

<212> DNA

<213> Homo sapien

<400> 1551

ccatctgtgg	atttgtctgt	gcacctattg	gctcttctag	ctgactcttc	tggttgggct	60
tagagtctgc	ctgtttctgc	tagctccgtg	tttagtccac	ttgggtcatc	agctctgcca	120
agctgagcct	gg					132

<210> 1552

<211> 433

<212> DNA

<213> Homo sapien

<400> 1552

ctgaatagag	gtcaacacag	ttgcgatggt	gagggatggt	ctccaagcac	cttttgggtg	60
caatttgaga	acatccagac	aaatccttcc	agcagaatca	atgtttggat	gataaattgg	120
agtgagaaat	cggatctgag	gaggttcaaa	tgggtacctc	tcaggaatga	taacttctag	180
cttaaaaaa	cctttctcat	aagggtgtgt	ggctccacct	aatatttgag	ctcgcaggtc	240
atccatttgg	tctttatctt	gccaacatgt	gatgcctggg	ggtggctctg	tggttaacat	300
gtgcagctct	ctcttcagac	gtgaagctct	ctgcatgata	cccaagtaga	aggaaccaca	360
cacagttcac	tgctccacac	taagagctgs	ctgggatgca	ctgagctgac	acccctcaca	420
acgcagcaac	gcg					433

<210> 1553

<211> 316

<212> DNA

<213> Homo sapien

<400> 1553

gagcaaggtc	tgctgagaac	agaccagtc	cctgaggaag	gagaagatgt	tgctgccacg	60
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atcagtgcc aagagaccct ctcggaagag gagcaggaag agctaagaag agaacttgca 120
 aaggtagaag aagaaatcca gactctgtct caagtgttag cagcaaaaga gaagcatcta 180
 gcagagatca agcggaaact tggaatcaat tctctacagg aactaaaaca gaacattgcc 240
 aaagggtagc aagacgtgac agcaacatct gcttacaaga agacatctga aaccttatcc 300
 caggctggac agaagg 316

<210> 1554
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 1554
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 argagagtgg gctctctata aggaacctg ctgtaaactt cattgcagca aggatgtaga 180
 gagaaatagg acttaattcc actaggggct ctcattctcac accttaagga ggagatttct 240
 agaaaaactg ggccagattt tctttgytct ccatcatttt aatgtggcag gctgytcagt 300
 tttcttactc ttacctatgw gatatttctt cgtaacgtgt ccaaaaagaa aaaagacca 360
 atcagtgtct cttgactttg ttctttgatc cctcagtttc ttcttgattt cagcatgtgt 420
 ccgggttcc aattttgggt atgagttagc aaatttaacc attgtgtttg tgccctaccc 480
 aggggactcc ccagtttctg acttgaagta gactganaag aatccacgag gngctatttt 540
 gg 542

<210> 1555
 <211> 117
 <212> DNA
 <213> Homo sapien

<400> 1555
 ctgtctgtgg cttcccatgt ctttctccaa agttatccag agggttgtga ttttgtctgc 60
 ttagtatctc atcaacaaag aaatattatt tgctaattaa aaagttaatc ttcattg 117

<210> 1556
 <211> 111
 <212> DNA
 <213> Homo sapien

<400> 1556
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 gcaaaaggac acggcgacac ctcgaactac ggactagtta ctaagcgcg c 111

<210> 1557
 <211> 454
 <212> DNA
 <213> Homo sapien

<400> 1557
 cgaggactga tcctctagta ctaagtgact ggggatatta caytarccaa cattgggtga 60
 tacatacctk artmatcatw tgaggaygca gtgataarsg satawwmywg tatsatccya 120

92964350 "050505" 050505

acaygyacta rctcaaaaac tagtgggggc ggattgatct cctgtggggac wkacatgsc 180
 ctgaaagtga acatgmtcmt ratcacctgc agrgcttgag atggyccmca tkgcwgcaact 240
 ccgccccyac aktttttgaw tcwacwggag ttaggswgmt yctwgawtta kcctttctac 300
 ctgcctccyg akagrwcwc wygastwgga kgaatssatt gackkctaag rttakacttc 360
 cactaactct gtacgmtgar ctcttactaa tattcgttac cacgctaaga ggctctgctc 420
 caggatctca tcgcgactgg aaggaacctc cagc 454

<210> 1558
 <211> 404
 <212> DNA
 <213> Homo sapien

<400> 1558
 aaagaagtgc agttgatatc taattttacac agtgaaacta gtgatagaaa ataactaatg 60
 aaaaaaaatc agagactggg ttccaattga ttgacaccta gatctgtcag cctctcttaa 120
 agaaagggga aggagaaaaa aaatctcatc atggaaggca gacaagagtc cacctgacag 180
 aggtggaatc tgatggaatc tgacccatt tcatgataaa cgagaggaaa cataaatgcc 240
 atctcaata ctaaagcgat gtagtgtagc atgagtgtc caatgcaaat tcacagagga 300
 aaagaagtta cggcttagga agtaggacaa taaatacaaa tatttcatct tatttaattg 360
 tgcattgactt cagtgaact accctttgca atgcaataaa tttt 404

<210> 1559
 <211> 266
 <212> DNA
 <213> Homo sapien

<400> 1559
 aaactatcag aagagatgag agggaattga tctacaatac tagaatttta tgtgcagaca 60
 aatccacatc tggaaatgaa atcacagtaa gatattttcg ggagaccaa acataaaaat 120
 tgctagaata aatttgccac gaacgagtaa ctagacatta gaaattgact acatagatat 180
 agtaatacta aaagtgtga aaacaagcaa acacaacaca cacatttctca attctttttt 240
 tttctatcaa atatcttcaa cttttt 266

<210> 1560
 <211> 142
 <212> DNA
 <213> Homo sapien

<400> 1560
 aaaactcagt atctttctgaa ccagaggcat ttctgattag cccttccta cctatttttc 60
 tagtatcact ctttaatacag cttggggagg tggcagcatt tcatggcctc cgtagtaact 120
 cacaatgctt cctggggtat tt 142

<210> 1561
 <211> 381
 <212> DNA
 <213> Homo sapien

<400> 1561
 aaacactaaa tgaagcttct cacaatttct aattataaac aaaaggctga aaacagtatg 60
 ggaaacaaag tttcaaaaca aagaaaagtt gagtaaaagg tgccccctct atggctcatc 120
 tgaaagaaac attttactca gagaggcaaa catttctgat ctaggagtaa gtttccact 180
 cactttgcaa ggaccactc attctgcaga aagacctaca agtctttctg gtotcaattg 240
 caaagtacgt gaaaatgtgt atgaaagatc taaaagctaa atattagaat aaggctaatt 300

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gaaatcaaaa ttgtgtgctg gtctaaatat acatcttcgg cttcttcctt tttagtaagt 360
 atttttatatt cagatgtatt t 381

<210> 1562
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 1562
 ggagaaagga gaaccgtaca tgagcattca gcctgctgaa gatccagatg attatgatga 60
 tggctttttca atgaagcata cagccaccgc ccgtttccag agaaaccacc gcctcatcag 120
 tgaaattctt agtgagagtg tgggtgccaga cgttcggtca gttgtcacia cagctagaat 180
 gcaggctctc aaacggcagg tccagtcctt aatggttcat cagcgaaaac tagaagctga 240
 acttcttcaa atagaggaac gacaccagga gaagaagagg aaattcctgg aaagcacaga 300
 ttcatttaac aatgaactta aaaggttgtg cggctcgaaa gtagaagtgg atatggagaa 360
 aattgcag 368

<210> 1563
 <211> 411
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 1563
 accwtrsaac tgcawttatt acctatgcta gntttggata agaamtgkyc wlayatgtga 60
 kagcaagagg gcacyaraws wrcttsaaca ccaawgggcm ktactwtata kawmcgawgg 120
 gcatgctwtm atgaccaact grmtgactgt ttgagaatgg acaargtgct agcgctaaac 180
 ctgtccttct tgaacrtggc ttgactaacg kcwttgatac gttrecltca kkasaatact 240
 attactasac tttgktgctt gattaccgac tgggtgactc ttgmtctcac ctatgargac 300
 agtgctttac acaaactort akggaaaatt gnntttgtmc tgtganctac tcatcygaga 360
 nctccctaag ggctaacatt ncatgtttcc gtctcactag ctacacgttc t 411

<210> 1564
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 1564
 ctagtthtaaa gatcagagtt cactttcttt ggactctgcc tatatthttct tacctgaact 60
 tttgcaagtt ttcaggtaaa cctcagctca ggactgctat ttagctcctc ttaagaagat 120
 taaaagagaa aaaaaaaggc cttthtaaaa atagtataca cttatthttaa gtgaaaagca 180
 gagaatttta tttatagcta atthtagcta tctgtaacca agatggatgc aaagaggcta 240
 gtgcctcaga gagaactgta cgggggtttgt gactggaaaa agttacgttc ccatttctaat 300

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taatgccctt tcttatttaa aaacaaaacc aatgatatc taagtagttc tcagcaataa 360
 taataatgac gataatactt cttttccaca tctcattgtc actgacattt aatgggtactg 420
 tatattactt aattttattga agattattat ttatgtctta ttaggacact atgggtataa 480
 actgtgttta agcctacaat cattgatttt tttttgttat gtcacaatca gtatattttc 540
 tttgggggta cctctctgaa tattatgtaa acaatccaaa gaaatgattg tattaannat 600
 tt 602

<210> 1565
 <211> 473
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 1565
 ctagtccagt gtggtggaat tcatccaggg ggctacccct ggctctctgt tgccagtggg 60
 catcatcgca gtgggtgtct tcctcttctt ggtgggtttt gtgggctgct gcggggcctg 120
 caaggagaac tattgtctta tgatcacgtt tgccatcttt ctgtctctta tcatgttggt 180
 ggaggtggcc gcagccattg ctggctatgt gtttagagat aaggtgatgt cagagttaa 240
 taacaacttc cggcagcaga tggagaatta cccgaaaaac aaccacactg nttcnatcct 300
 ggacaggatg caggcagatt ttaagtgtct tggggctgct aactncacag attgggagaa 360
 aatcccttcc atgtngaaga accgagtcct cgactcctgc tgcattaatg ttactgtggg 420
 ctgtgggatt aatttcaacg anaaggcgat ccataaggag ggctgtgtgg aga 473

<210> 1566
 <211> 53
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(53)
 <223> n = A,T,C or G

<400> 1566
 ctagttatta atagnaatca attncggngt cattagttca tagcccatat atg 53

<210> 1567
 <211> 136
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(136)
 <223> n = A,T,C or G

<400> 1567
 ttattgattt ttttttttca ctttcccat cacactcaca cgcacgctca cactttttat 60
 ttgccataat gaaccgtcca gccctgtgg ngatctccta tganaacatg cgttttntga 120
 taactnaaa ccctac 136

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<210> 1568
 <211> 192
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 1568
 ttgngtctgt gtgagnnggt tgaccttccct ccatcccttg gtccttcnct tnccttnccg 60
 aggcacagag agacagggca gnatccacgt ncccatnttg gaggcagana aaagagaaag 120
 tgntttatat acggtactta tttaatatcc nttntaatt anaaantnaa acagttaatt 180
 taattaaaga gt 192

<210> 1569
 <211> 575
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 1569
 ctagttctgt cccccagga gacctggttg tgtctgtgtg agtggttgac cttcctccat 60
 cccctggtcc ttcccttccc ttcccagggc acagagagac agggcaggat ccacgtgccc 120
 attgtggagg cagagaaaag agaaagtgtt ttatatacgg tacttattta atatcccttt 180
 ttaattagaa attaaaacag ttaatttaaat taaagagtag ggtttttttt cagtattctt 240
 ggtaaatatt taatttcaac tatttatgag atgtatcttt tgctctctct tgctctctta 300
 tttgtaccgg tttttgtata taaaattcat gtttccaatc tctctctccc tgatcgngna 360
 cagtcactag cttatcttga acagatatatt aattttgcta acactcagct ctgccctccc 420
 cgtccccctg gctccccagc acacattcct ttgaaataag gtttcaatat acatctacat 480
 actatatata tatttggaac cttgnatttg nngtatata tatatatata tgtttatgta 540
 tatatngnat tctgataaaa tagacattgc tattc 575

<210> 1570
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 1570
 ctagtccagn gtggtggaat tccgccgcca tcatgggtcg catgcatgct cccgggaagg 60
 gcctgtccca gtcggcttta ccctatcgac gcagcgtccc cacttggttg aagntgacat 120
 ctgacgacgt gaaggagcag atttacaac tggccaagaa gggccttact ccttcacaga 180
 tcggtgtaat cctgagagat tcacatggtg ttgcacaagt acgttttgtg acaggcaata 240

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aaattttaag aattcttaag tctaagggac ttgctcctga tcttcctgaa gatctctacc 300
 atttaattaa gaaagcagtt gctgttcgaa agcatcttga gaggaacaga aaggataagg 360
 atgctaaatt ccgncctgatt ctaatagaga gc 392

<210> 1571
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 1571
 gaaggacgtt tgtgttgga ggcctggat ccccggcact cctggatccc acggcctgcc 60
 aggcagggac gggagagatg gtgtcaaagg agaccctggc cctccggggc ccatgggtcc 120
 acctggagaa atgccatgtc ctccctggaaa tgatgggctg cctggagccc ctggtatccc 180
 tggagagtgt ggagagaagg gggagcctgg cgagaggggc cctccagggc ttccagctca 240
 tctagatgag gagctccaag ccacactcca cgactttaga catcaaatcc tgcagacaag 300
 gggagccctc agtctgcagg gctccataat gacagtagga gagaaggtct tctccagcaa 360
 tgggcagtc atcacttttg atgccattca 390

<210> 1572
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 1572
 ctgcagcttc tgctgctgag gccgggattg ctacgactgg gactgaaggt gaaagaggtg 60
 gaatccgaag tcctgggact gcgggatgct aaacattgaa agctgggtgt aggcactgca 120
 gggagagtgt ggaggtctga cagggttagga atatgtggga gggctgggct aggaatggcc 180
 ttggaggctg gcctgtgtgg atatggcacc aattctaccc tgctcctctt ttccctttcc 240
 cagactcaga cgatgccctg ctgaagatga ccacagcca gcaagagttt ggccgactg 300
 ggcttcctga cctaagcagt atgactgagg aagagcagat tgcttatgcc atgcagatgt 360
 ccctgcangg gagcagagtt tgg 383

<210> 1573
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 1573
 cctccagagc ctctctagt gacagagcagc tcacactccc tccgctggga acgatggctt 60
 ctgcctagta cctatccttg tgttttctgat gcagtggtag cattgggtca agttctctcc 120
 tgctgtggtc agagttgctt cgatgttgg 149

<210> 1574
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 1574
 ctgccaggct gaaaagaagc ctacagctccc acaccgccct cctcaccgcc ctctctcggg 60

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<210> 1579
<211> 295
<212> DNA
<213> Homo sapiens
```

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 1579

ccacaaagcc attgtatgta gcttttagctc agcgcaaaga agagcgccag gctcacctca 60
 ctaaccagta tatgcagaga atggcaagtgt tacgagctgt gccaaccct gtaatcaacc 120
 cctaccagcc agcacctcct tcaggttact tcatggcagc tatcccacag actcanaacc 180
 nngctgcata ctatcctcct agccaaattg ctcaactaag accaagtccc cgctggactg 240
 ctcaggngc cagacctcat ccattccaaa aatatgccg gtgctatccg cccag 295

<210> 1580
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 1580

cttcttttatt ggggacatgt gggctggaac agcagatttc agctacatat atgaacaaat 60
 cctttattat tattataatt atttttttgc gtgaaagtgt tacatattct ttcacttgta 120
 tgtacagaga ggtttttctg aatatttatt ttaagggtta aatcac 166

<210> 1581
 <211> 449
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 1581

ctgaggcaac agaataaatg cagaggcatt acaatgaatc ccacttaata taaagaacta 60
 tacagaccaa cacttctcta caaaatTTTT ttttcctcat tgccagttaa atacagagtt 120
 ttactttcat agcttaacaa tgaagggtca tacactgaag ccaatacata tacctagcat 180
 ttcagtctaa gcttgtccac gtacatagct gaagtcaatt acaaggtttg gcctagaaat 240
 gctaggggaa cttcttttga gtttttacag gtattaaact tcatcttgca cactgaagtc 300
 atcatacata cagggcacaaa tcagagcttt tatatttgcg tttattcttc atttaacttt 360
 ttataacact actatagttt attaaaacaa aaaacaaaga gcaagtagtg agcatattan 420
 gattacagtc ctttcactca ttcacacct 449

<210> 1582
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 1582

ccaatgggct ttgtgtgtagc ttgttgaaat caccaagcag gagagattta accagaggcg 60
 atgtgtccag tcaccagcat agagccatcc tctgtgtcac catccacacg cagggccttc 120
 tggcagacct catgcaatgc cctccatggt aatattcatc agaaaatgga taattagggg 180
 ggccagcaaa aatatcaagg gtcaaatac gcacatttct gtttaggcca tctatggctt 240
 tcatctcctc tgaagtcaac tggaattcaa acacctgcac gttctgtctg atgcgtgct 300

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302

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<400> 1583
ttcctgctcc gtgggaacca cgagtgtgcc agcatcaacc gcattctatgg ttctacgat 60
gagtgaaga gacgctacaa catcaaactg tggaaaacct tcaactgactg cttcaactgc 120
ctgcccatcg cggccatagt ggacgaaaag atcttctgct gccacggagg      170
```

<400>	1584						
ccagacgtgg	tggctcacac	ctgcagtc	ccc	agcaccttag	gaggccgagg	caggaggatc	60
cttgaggtca	ggagttcgag	accagcctcg	ccaacatggt	gaaaccccat	ttctactaaa		120
aatacaaaaa	attagccaag	tgtggtggca	tatgcctgta	atcccaacta	ctcagaaggc		180
cgaggcagga	gaattacttg	aacgcaggag	aatcactgca	gcccgaggag	cagagggttg		240
agtgagccga	gattgcacca	ctgcactcca	gcctgggtga	cagagcaaga	ctccatctca		300
gtaaataaat	aaataaataa	aaagcgctgc	agtagctgtg	gcctcaccct	gaagtcagcg		360
ggcccagg							368

<400> 1585						
caaccctctc	tcttcagcgc	ttcttctttc	ttggtttgat	cctgactgct	gtcatggcgt	60
gccctctgga	gaaggccctg	gatgtgatgg	tgtccacctt	ccacaagtac	tcgggcaaag	120
agggtgacaa	gttcaagctc	aacaagtcag	aactaaagga	gctgctgacc	cgggagctgc	180
ccagcttctt	ggggaaaagg	acagatgaag	ctgctttcca	gaagctgatg	agcaacttgg	240
acagcaacag	ggacaacgag	gtggacttct	aagagtactg	tgtcttcctg	tcttgcacgc	300
ccatgatgtg	taacgaattc	tttgaaggct	tccagataaa	gcagcccagg	aagaaatgaa	360
aactcctctg	atgtggttgg	ggggtctgcc	ag			392

```
<400> 1586
cctccactgc cagcctatgg ttgttcgcca ccaagccagg agtgctgcac cgcccagtgg 60
tccccctcgg gctccaggcc cccactgaga ccctctcgga ggcagaagca cttcaccctt 120
cagagtccta caagtccaac cagtggacct ggaattgg                                     158
```

```
<210> 1587
<211> 85
<212> DNA
<213> Homo sapiens
```

<400> 1587

ccaatgtaca tgggtggacta tgccggcctg aacgtgcagc tcccgggacc tcttaattac 60
tagacctcag tactgaatca ggacc 85

<210> 1588

<211> 369

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(369)

<223> n = A,T,C or G

<400> 1588

ccaggctacc ttcccactgg agacaggcag ggggacaggt gctaaggagc ctggcaggca 60
gggctggcag gcccacatggc gcctgttcca gcagatgaca agcccaggtc agggtagagc 120
gggcaggagg ggggacgagg gctcccacaa catgattttg tgtaaaatat ggcagcgaca 180
cacgctcagg gccgggaggt gggggttagg gtgggggacgg cggcaacatc gtgtaaaaaa 240
gtgtcccagt tcccatagca aagagagctg tgaccgggtg ttcagagctt ctccagtaca 300
agggggaaaag ccgcccggcg ggggcggcgg gcagggacat catttggttt cctgggtgctg 360
tcngtccga 369

<210> 1589

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1589

ctgtagcttc tgtgggactt ccaactgctca ggcgtcaggc tcagatagct gctggccgcg 60
tacttggtgt tgctttgttt ggaggggtgt gtggtctcca ctcccgcctt gacggggctg 120
ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacttat gagacacacc 180
agtgtggcct tgttggtttg aagctcctca gaggagggcg ggaacagagt gaccgagggg 240
gcagccttgg gctgaccacg gacggtcagc ttggtccctc cgccgaacag taaaaagga 300
ctcaggctgt tatcatagga ctggcagtaa taatcagcct catcttcagc ctggagccca 360
g 361

<210> 1590

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 1590

ctggagaagg tgtgcagggg aaaccctgct gatgtcaccg aggccagggt gtctttctac 60
tcgggacact ctctctttgg gatgtactgc atggtgttct tgggtgctgta tgtgcaggca 120
cgactctgtt ggaagtgggc acggctgctg cgaccacag tccagttctt cctgggtggcc 180
tttgccctct acgtgggcta caccgcgctg tctgattaca aacaccactg gagcgatgtc 240
cttggtggcc tcctgcaggg ggcactggtg gctgccctca ctgtctgcta catctcagac 300

T0E050"92964850

ttcttcaaag cccgaccccc acagcactgt ctgaaggagg aggagctgga acggaagccc 360
 agcctgtcac tgacgttgac cctgggagag gctgacnaca accactatgg ataccgcac 420
 tcctcctcct gagg 434

<210> 1591
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 1591
 gctttcgcca gaaaatgttg catgtcaaac aatatgtgat ccatactgtg tgtcgtcctt 60
 ggggggtttat ttgactttgt cacaatgaca gccaacagtg agactgataa gcctgtaaaa 120
 ataaaaaaat aagactaatc aaatagacat ggcattttta tctcaaagtg caaaatcatc 180
 taactgaaaa tgacggcatt gagaaattcc agtgggttaa aatgaatcaa aacttcatta 240
 cgcaggcagt ggaagtgtgt tgaaagattt accaggggtg tcaagtttta gacactcaga 300
 aaggcaccat tctagccatc ttgattggat aacatgtata tacttatgtc cctacgatat 360
 tcaaaagata atactgtttt agtacaaaac aatcaaaciaa ggcaaagant caaaaccaag 420
 ccaacccaaa tatccccag 439

<210> 1592
 <211> 74
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(74)
 <223> n = A,T,C or G

<400> 1592
 tttttttttc taatgttcac agtccctgct ttatttccat ttgttcacac acncttttaa 60
 aaaaaaaaaa aaaa 74

<210> 1593
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 1593
 ccatccgaag caagattgca gatggcagtg tgaagagaga agacatattc tacacttcaa 60
 agctttggtg caattcccat cgaccagagt tgggccgacc agccttggaagggtcactga 120
 aaaatcttca attggattat gttgacctct acctatttca ttttccagtg tctgtaaaagc 180
 caggtgagga agtgatccca aaagatgaaa atggaaaaat actatttgac acagtggatc 240
 tctgtgccac gtgggaggcc gtggagaagt gtaaagatgc aggattgg 288

<210> 1594
 <211> 455
 <212> DNA
 <213> Homo sapiens

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<400> 1594

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ccacacagac tcaccaagcc acagacttgt cttccacaag cacgttctta ccttagccac 60
gaagtgacca agccacacgt actaaagggt gaactcaaag atatgtacag ggtattaaac 120
aaataccaag gggaacagtt aacttcaata caagggtcaaa atcagcaaca agttctacaa 180
tccagtgtctg atatcagata caagcttcaa ggacaatttc ttttcgaagg cttattccag 240
tttcgtgagg ctagcatgag gtgtgtgcat ttgccagggg caaatttcta ttctcaatta 300
acccatgcag caaatgctac gcatctgctg agtccgttta gaagcatttg cgggtggacga 360
tgaggaggcc cgactcgtcg tactcctgct tgctaataca catctgctgg aaggtggaca 420
gtgaggccag gatggagcca ccgatccaca ccgag 455

```

<210> 1595

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(367)

<223> n = A,T,C or G

<400> 1595

```

ccaggctacc ttcccactgg agacaggcag ggggacaggt gctaaggggac ctggcaggca 60
gggctggcag gccccatggc gcctgttcca gcagatgaca agcccaggtc agggtagagc 120
gggcaggagg ggggacgagg gctcccaaaa catgattttg tgtaaaatat ggcagcgaca 180
cacgctcagg gccgggagggt ggggggtagg gtggggacgg cggcaacatc gtgtaaaaaa 240
gtgtcccagt tcccatagca aagagagctg tgaccgggtg ttcgagcttc tccagtacaa 300
gggggaaagc cgcccggcgg gggcggcggg cagggacatc atttggttc ctggtgctgn 360
cagtccg 367

```

<210> 1596

<211> 193

<212> DNA

<213> Homo sapiens

<400> 1596

```

ctgttcttca tgcgcctggt ggggaagacg cccattgaga cactgatcag agacatgctg 60
ctgtcgggga gtaccttcaa ctggccctac ggctcgggcc agtgaccatg acggggccac 120
gtgtgctgtg gccaggcctg cagacagacc tcaagggaca gggaatgctg agggcccggg 180
aggcccctcg agg 193

```

<210> 1597

<211> 145

<212> DNA

<213> Homo sapiens

<400> 1597

```

ccatgctgga tgttctgctg cttagacctg atctgctgcc aattaccagg ggcagggtcaa 60
ggatgacctt cttggatcca ggaacgctaa catagatcag taaggaatat tcaactcgaa 120
ggatgttgca gccaggata gaagg 145

```

<210> 1598

<211> 445

<212> DNA

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<213> Homo sapiens

<400> 1598

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ctgcctataa aactagactt ctgacgctgg gctccagctt cattctcaca ggtcatcatc 60
ctcatccggg agagcagttg tctgagcaac ctctaagtcg tgctcatact gtgctgccaa 120
agctgggtcc atgacaactt ctggtggggc gagagcaggc atggcaacaa atcccaagtt 180
agggctctca atgagcttcc tagcaagcca gaggaagggc ttttcaaagt tgtagttact 240
tttggcagaa atgtcgtagt actgaagatt cttctttcgg tggaagacaa tggatttcgc 300
cttcactttc ctgtccttaa tatccacttt gttgccacac aacacaatgg ggatgttttc 360
acacactcgt accagatctc tatgccagtt aggcacattc ttgtaagtaa ctctcgatgt 420
tacatcaaac attatgatgg cacac                                     445
```

<210> 1599

<211> 142

<212> DNA

<213> Homo sapiens

<400> 1599

```
cctgccccag ggggaagcac ggacccgaga cgacggcgat gaggaagggc tcctgacaca 60
cagcgaggaa gagctggaac acagccagga cacagacgcg gatgatgggg ccttgcahta 120
agcagcctga caggagcaat gg                                     142
```

<210> 1600

<211> 297

<212> DNA

<213> Homo sapiens

<400> 1600

```
cctgcacttg aacatggctt tggttttaag caacttctct accctgaccc tcctcctggg 60
acagcgtttc gggagggttc ttggcctcac tgagagggat gtggagctgc tgtaccccg 120
caaggagaag gtattctaca gcctgatgag ggagagcggc tacatgcaca tccagtgcac 180
caagcctgac accgtaggct ctgctctgaa tgactctcct gtgggtctgg ctgcctatat 240
tctagagaag ttttccacct ggaccaatac ggaattccga tacctggagg atggagg 297
```

<210> 1601

<211> 289

<212> DNA

<213> Homo sapiens

<400> 1601

```
ctggagatga tcctcaacaa gccagggctc aagtacaagc ctgtctgcaa ccagggtggaa 60
tgtcatcctt acttcaacca gagaaaactg ctggatttct gcaagtcaaa agacattgtt 120
ctggttgctt atagtgtctt gggatccac cgagaagaac catgggtgga cccgaactcc 180
ccggtgctct tggaggaccc agtcctttgt gcctcggcaa aaaagcacia gcgaacccca 240
gccctgattg ccctgcgcta ccagctacag cgtgggggtg tggctctgg 289
```

<210> 1602

<211> 398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(398)

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<223> n = A,T,C or G

<400> 1602

```
gggagggcag agggagaatg ggaagatcag gaagctctag attacttcag tgataaagag 60
tctggaaaac aaaagtttaa tgattcagaa ggggatgaca cagaggagac agaggattat 120
agacagttca ggaagtcagt cctcgcagat cagggtaaaa gttttgctac tgcatctcac 180
cggaatactg agaaggaagg actcaagtac aagtccaaag tttcactgaa aggcaataga 240
gaaagtgatg gatttagaga agaaaaaaat tatnaactta aagagactgg atatgtagtg 300
gaaaggccta gnactacaaa agataagcnc anagaagaag acaaaaattc tgaaagaata 360
acagtaanga aagaaactca gtcacctgag caggtaaa 398
```

<210> 1603

<211> 438

<212> DNA

<213> Homo sapiens

<400> 1603

```
ctggtgatct gctttcttac cctaactctt gacaaatgag tcgtctacta ttttaaagag 60
tctggaggtc tctgactctg ccataacaat aacctgctgt taatttataa cacagatttt 120
tgtttggaag agccttattt gaaatacact ttgattcatt ttcttaaata tttatattct 180
tttcttgctt acttcagggt tggtagctta gttggaagt ccagcacctg gcacctattc 240
atatagaaca ggctgtactc aagacaactt ctagcattta ctttaagact tatataattt 300
atttctattt tgtgtgtact atagtcttgt gcatatgtag ttgaacacac agtgaaatat 360
atgtctctct ttgtggatgt gcggcctaaa aatttgaatg tctggtgaga gagagccatg 420
tgtataggtc agagaaaa 438
```

<210> 1604

<211> 297

<212> DNA

<213> Homo sapiens

<400> 1604

```
cctgcacttg aacatggctt tggttttaag caacttctct accctgacct tcctcctggg 60
acagcgtttc gggaggtttc ttggcctcac tgagagggat gtggagctgc tgtaccccg 120
caaggagaag gtattctaca gcctgatgag ggagagcggc tacatgcaca tccagtgcac 180
caagcctgac accgtaggct ctgctctgaa tgactctcct gtgggtctgg ctgcctatat 240
tctagagaag ttttccacct ggaccaatac ggaattccga tacctggagg atggagg 297
```

<210> 1605

<211> 451

<212> DNA

<213> Homo sapiens

<400> 1605

```
ggaaaggcta ttgtttctcg acagtttgtg gaaatgacct gaactcggat tgagggctta 60
ttagcagctt ttccaaagct catgaacact ggaaaacaac atacgtttgt tgaaacagag 120
agtgtaaagt atgtctacca gcctatggag aaactgtata tggtagctat cactacccaa 180
aacagcaaca ttttagaaga tttggagacc ctaaggctct tctcaagagt gatccctgaa 240
tattgccgag ccttagaaga gaatgaaata tctgagcact gttttgattt gatttttgct 300
tttgatgaaa ttgtcgcact gggataccgg gagaatgtta acttggcaca gatcagaacc 360
ttcacagaaa tggattctca tgaggagaag gtgttcagag ccgtcagaga gactcaagaa 420
cgtgaagcta aggctgagat gcgtcgtaaa g 451
```

<210> 1606

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<211> 272
 <212> DNA
 <213> Homo sapiens

<400> 1606

```
ccggagccca cgggtggatcat ggctgccaga gcgctctgca tgctggggct ggtcctggcc 60
ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
ccagccaagg acaggggtgga ctgcggctac ccccatgtca cccccaagga gtgcaacaac 180
cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gcccctgcag 240
gaagcagaat gcaccttctg aggcacctcc ag                                     272
```

<210> 1607
 <211> 444
 <212> DNA
 <213> Homo sapiens

<400> 1607

```
ccaggctggg ctcaaactcc tcacctcaac tgatccgccc accttggcct cccaaagtgc 60
tgggattata ggtgtgagcc accgtgccca aagttaagta tttttgatca agtgttttgt 120
cttttgtgca aggcatttgt ggctctgtca tagcagagga aaacaaaaca tgcctatcaa 180
atgaatcaag tccgacctct tctcatattg agcaactaga ggtctaggaa catttcccct 240
acctgtcatt ctcatctggc ataccagggtg tacatactcc ttcttattct cctctgttac 300
caagatgttg gccccattgg gtttgagggtc acgaacttca caaactccaa actcttggac 360
ctcagtgtcg aagggtgaggt catagcctag tgtggagaca tcattttcca gcagataaac 420
cagaccttgg tagaagtggg aatc                                     444
```

<210> 1608
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 1608

```
caaaatccaa aacttctctt gaaaagttca gggaccgtcc aggggagatg gggaggagat 60
atggagttag tcacctgtct cagaagatgc cagcttctct ctccagggtg cttagttggc 120
tttggccacc cctcaactccc caggaggtct tggggacagc ttctcgcac ccctgtccca 180
cccacacag                                     189
```

<210> 1609
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 1609

```
cttttgttat ccttagagga ctcaactgggt tcttttcata agcaaaaagt acctcttctt 60
aaagtgcact ttgcagacgt ttcactcctt ttccaataag cttgagttag gagcttttac 120
cttgtagcag agcagtatta acacctagtt ggttcacctg gaaaacagag aggctgaccg 180
tggggctcac catgcggatg cgggtcacac ggaatgctgg agagatgtta tgtaatatgc 240
tgagggtggcg acctcagtg agaaatgtaa agactgaatt gaattttaag ctaatgtgaa 300
atcagagaat gttgtataaa gtaaatgcct taagagtatt taaaatatgc ttccacattt 360
caaaatataa aatgtaacat gacaagagat tttgcgtttg acattgtgtc tgggaaggaa 420
gggcca                                     426
```

<210> 1610
 <211> 447

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<213> Homo sapiens

cagggctata	gtgcgctatg	ttgatctggt	gttcattgcta	agttccgcac	caatatgggtg	60
acttcttggg	agtgggggac	caccaggttg	cctaaggagg	ggtgaacctg	cctacgtttg	120
aaatagagct	ggtcaaaact	cctgtgctca	tcagtagtag	aattgcacct	gtgaatagcc	180
accgccctcc	agcatgggca	acatagcaag	accctgcctc	ttaagataaa	aattggaaaa	240
cactggtagg	aaaaaaaggc	tgtttggtct	aaataagtct	ggattgggta	taaatgacac	300
aaaactatca	tgaatttgaa	agcattttcta	atttcttgaa	agtctgaaaa	agtttaaac	360
gaattttagc	tgaaaagtc	tgaaagacat	ttgaaaaaaa	acagcaagaa	cacttaaac	420
tattcaaggt	ttgggctggg	cacagtg				447

<213> Homo sapiens

ccaccgggggt	tgaacctctct	cgctagcagg	gccacccag	ctcactcccc	gggtctttcca	60
tcccctctag	gattcccatt	gtcccctact	ccagcactag	gcaggcaccc	ccagcccact	120
gcgactccca	ccacgaagga	ccccagccct	ctctcagcca	acacggcccc	gccaccgtc	180
tcagacatcg	tgtttcttct	ggtgggccag	gagtctctcc	tcgtcgtcga	aggtctgq	238

<213> Homo sapiens

ctgtgctgttg	tatcctcggg	agaggggtttc	ccactctgag	cgggtgggaa	ggcaatgccca	60
aacatccggg	aaaaataaaa	ccactgtctc	cacatgagct	ggaactgtac	gccccttgtg	120
ggtctcctca	gggcgatggt	agcgaatctc	tgcaaaacgg	taccattgtg	tgcacacact	180
tagatcaatg	cctgtcagag	ccttacaaca	acgaatagca	gtcttaataca	acacagaggg	240
atctttttct	gggtctggtc	catccaacga	aggagaccag	tggcccccaa	tgg	293

<213> Homo sapiens

ctggattgac	cccaaccaag	gctgcaacct	ggatgccatc	aaagtcttct	gcaacatgga	60
gactggtgag	acctgogtgt	acccactca	gccagtggtg	gccagaaga	actggtacat	120
cagcaagaac	cccaaggaca	agaggcatgt	ctggttcggc	gagagcatga	cogatggatt	180
ccagttcgag	tatggcggcc	agggctccga	ctctgccgat	gtgg		224

<213> Homo sapiens

ctccacctg gcgatggctc cctggctcta ctttctctct caaactggct ttttctcatt 60

cctttgactc cgccagactt cctcgccccc atgacctggt gttgtgtctg atcaccccaa 120
 cattcctggc tgccaatgt ggggcaatga agacccagc gaaggaatgc tagagtgtgt 180
 gaaagtggag gacgcatcgt caaaggacac ctgaggacgt ctcaaagaag ctcggcggga 240
 gagctgagcg ctcggaagaa ccaagaatca tctcttttga aaaatcgatt catcaaatga 300
 atcttcggcc aacaactggt caagaaggat tcaaatatca caggttccaa gaagtaaagc 360
 tttggaggtc acaaaattag caatagaagc tgggttccgc catatagatt ctgctcattt 420
 atacaaataa tgaggagca 439

<210> 1615
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 1615
 aggcaactcct ggaagtgggt cagtcagggt gcaaaaacat tgaacttgct gtcatgaggc 60
 gagatcaatc cctcaagatt tttaatcctg aagaaattga gaagtatgtt gctgaaattg 120
 aaaaagaaaa agaagaaaac gaaaagaaga aacaaaagaa agcatcatga tgaataaaat 180
 gtctttgctt gtaattttta aattcatatc aatcatggat gagtctcgat gtgtagg 237

<210> 1616
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 1616
 ctgggctcta gtttcattcc atctgtcatt ctgaggtaac agggacacat gtccaagtgt 60
 tggcccccggt ggcattgatt tagctttgtt gataggcatt gcatcttttg tgtaatatgc 120
 aataatggca tgaccagatt catgatatgc tgtgatgggt ttgtttttgt tatcaatttc 180
 cacacttctt ctttcaggcc ccattagaat tttgtctttg gaaaactcca gctccttcatt 240
 ggtaaccatt tcttttccat caacag 266

<210> 1617
 <211> 185
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 1617
 ccatggctag gtttatagat agttgggtgg ttggtgtaaa tgagtgaggc aggagtccga 60
 gnagggttagt tgtggcaata aaaatgatta aggatactag tataagagat caggttcgtc 120
 ctttagtggt gtgtatgggt atcatttggt ttgaggttag ttgattagt cattgttggg 180
 tgggt 185

<210> 1618
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

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<222> (1)...(354)
 <223> n = A,T,C or G

<400> 1618

```
ctgttaacag ataagtttaa cttgcatctg cagtattgca tgttagggat aagtgccttat 60
ttttaagagc tgtggagttc ttaaataatca accatggcac tttctcctga ccccttccct 120
aggggatttc aggattgaga aattttttcca tcgagccttt ttaaaattgt aggacttggt 180
cctgtgggct tcagtgatgg ngatagtaca catntcactc agagngcatn tntgcatctt 240
ntaanatana tttcttaaaa gcctctaaag tgatcagntg ccttgatgcc aactaaggaa 300
atttgtttag cattgaatct ctgaaggctc tatgaaagga atagcatgat gtgc 354
```

<210> 1619
 <211> 170
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 1619

```
ctgtgctgtg gagagaagct gatgttttgg tgtattgtca gccatcgctc tgggactcgg 60
agactatggc ctgcctccc caccctcctc ttggaattac aagccctggg gtttgaagct 120
gactttatag ctgcaagtgt atctnncttt tatctggtgc ctctcaaac 170
```

<210> 1620
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 1620

```
cctgttgatt gcatactgta gaagatttga tgttcagact gggtcttctt acatatacta 60
tgtttcgtct acagttggta aatttttgtt tttctttgta ttaaattgtg aattgtattg 120
tctggaggaa aagacagagg tctaaaaata aagaaggagt acagtttggg catggtggtt 180
cacccttgga gtctagcac tttgggggcc aaggcaggca gattgcttga gccaggagt 240
tctagatgag cctgggcaac atagtggagc cccatctcta aaaaaacagt tttagggcc 300
ggcacagtgg ctcacacctg taagcccagc actttgggag gccgaggcag gcagatcata 360
agggaagag attgagacca tcctgg 386
```

<210> 1621
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 1621

```
ccaattctgc cgttccccg tgggccaaca acactggggt tgtatgcgtc tggaaccctg 60
tgatagtctt cggttgcca gcttgccca ccacatccac tgcttgccc acacggacag 120
acactggcaa tggccgcagc tctcatcaa acgtaaccag cattcggggc tgcattggcag 180
```

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ccaccagccc atacaatata tagtgtgatt tgcctagaat aatgtttcga acatccagga 240
 aagagacaag cacagtgagc agtccancca cggccacctg gtcataagc tgccgggtcg 300
 tgtggtaggg gcagagggtta aggggtgccct tccctaaatg tgtcag 346

<210> 1622
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 1622
 ggaagtttgt gctctctgcg tggctaagtt tttcacctac taggacgggg gtgggggtggg 60
 gagaacaggt gtccttctaa aatacagcac aagctacagc ctgcgtccag ccataaccca 120
 ggagtaacat cagaaacagg tgagaatgac cactttaact caccggggccc gtcgactga 180
 aataagcaag aactctgaaa agaagatgga aagtgaggaa gacagtaatt gggagaaaag 240
 tccagacaat gaagattctg gagactctaa ggatatccgc cttactctta tggagaagat 300
 attgcttctg ggactaaaag ataaagaggg gtacacatct ttctggaatg actgcatatc 360
 atcagg 366

<210> 1623
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 1623
 ctgttgattg gctgtgacac tgctttgtgt catcttctta ccatgatcaa aggcgaagga 60
 agggatctct tttgggacat tgtgattgtt ttagcagaga gagaaagaga tgaaatacac 120
 ttcggttttc tcttaaaaga tgcattgtat atacagtgtc ttaag 165

<210> 1624
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 1624
 ccaatgcccg gagcaggccc tctttccatc ccctgtcgga tgagctggtc aactatgtca 60
 acaaacggaa taccagtggt caagccgggc acaacttcta caacgtggac atgagctact 120
 tgaagaggct atgtggtacc ttcttgggtg ggcccaagcc accccagaga gttatgttta 180
 ccgaggacct gaagctgctt gcaagcttcg atgcacggga acaatgg 227

<210> 1625
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1625
 ctgtagcttt tgtgggactt cactgtctca ggcgtcaggc tcaggtagct gctggccgcg 60
 tacttggtgt tgctttgttt ggagggtgtg gtggtctcca ctcccgcctt gacggggctg 120
 ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacttat gagacacacc 180
 agtgtggcct tgttggtttg aagctcctca gaggagggtg ggaacagagt gaccgagggg 240
 gcagccttgg gctgacctag gacggtcagt ttggtccctc cgccgaacac ccgaagataa 300
 ttagtgctgt ctggtgagta acaatagtag tcaccttcat cttccacctg ggccccagt 360
 atgggtcaagg tgg 373

<210> 1626

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<211> 367
 <212> DNA
 <213> Homo sapiens

<400> 1626
 ccagacgtgg tggctcacac ctgcaatccc agcaccttag gaggccgagg caggaggatc 60
 cttgaggtca ggagttcgag accagcctcg ccaacatggg gaaaccccat ttctactaaa 120
 aatacaaaaa ttagccaagt gtggtggcat atgcctgtaa tcccaactac tcagaaggcc 180
 gaggcaggag aattacttga acgcaggaga atcactgcag ccctggaggc agaggttgca 240
 gtgagccgag attgcaccac tgtactccag cctgggtgac agagcaagac tccatctcag 300
 taaataaata aataaataaa aagcgctgca gtagctgtgg cctcaccctg aagtcagcgg 360
 gcccg 367

<210> 1627
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 1627
 ctggataagg acatcaatac cttctctatg cgtgtcaggg tgtggtacgg gtatcacttt 60
 ccggagctgg tgaagatcat caacgacaat gccacatact gccgtcttgc ccagtttatt 120
 ggaaaccgaa gggaactgaa tgaggacaag ctggagaagc tggaggagct gacaatggat 180
 ggggccaaagg ctaaggctat tctggatgcc tcacggtcct ccatgggcat ggacatatct 240
 gccattgact tgataaacat cgagagcttc tccagtcgtg tgggtgtctt atctgaatac 300
 cgccagagcc tacacactta cctgcgctcc aagatgagcc aagtagcccc cagcctgtca 360
 gccctaattg gggaagcggg aggtgcacgt ctcatcgcac atgctggcag cctcaccaac 420
 ctgg 424

<210> 1628
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 1628
 tcgactgtta tagcttagaa agcaacacta ctactatgag actataaaac attaaactat 60
 tttaagaaaa ccacgctgtg gaaaaatgga gccatttttg tcaaaaagtg gctcaaagca 120
 caaaactgct cagatgttca agagtcctag gagtctgggc tgcacagtat taaggggtga 180
 gaggagaccg acagcctgtt tgaatcaggc ttgtgagccc agctcatctg acaacttcaa 240
 agagcttctc tgctataca ttccaccgtt tagcataaga caccacttta cgctatttac 300
 aagtctcctt ttgg 314

<210> 1629
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 1629
 ctggaccagc accccattga cgggtacctc tcccacaccg agctgggtcc actgcgtgct 60
 cccctcatcc ccatggagca ttgcaccacc cgctttttcg agacctgtga cctggacaat 120

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gacaagtaca tcgccctgga tgagtgggcc ggctgcttcg gcatcaagca gaaggatata 180
 gacaaggatc ttgtgatcta aatccactcc ttccacagta ccggattctc tctttaaccc 240
 tccccctcgt gttttccccc aatgtttaaa atgtttggat ggtntgttgt tctgcctgga 300
 gacaaagggtg ctaacataga ttttaagttga ataacattaa cggtgctaaa aaatgaaaaa 360
 ttctaaccaca agacatgaca ttcttagctg taa 393

<210> 1630

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1630

ctgcaagaat atcagaaatc aatacaaaaca agtattgaca ggtgttacag acatgcaaaa 60
 tatccttcaa tgcaacgaat ttttaagaaa tcagctagcc tatattaatc agatgtttta 120
 ggtcaaacca agtttccatc tcgggctcag tgaaatagta ttaactcatt gagtctcctt 180
 tccccagga atgttgggaa tggcagaaca gaaagagcta tcactcctta aattccttta 240
 tgcgagtgtt actccaacac ttattttact tggtttactt ggaatgtatg agaggaaact 300
 gatgtttttt acaatgg 317

<210> 1631

<211> 262

<212> DNA

<213> Homo sapiens

<400> 1631

ccttaggcaa gtcaccttac ttatctaaga ctgtttcccc acctggaaga tgccctacaa 60
 gcctcctgtg gctgtgttta gaaagcatgc ccggcctttc ttgacagcca gccaccccag 120
 atgatggcag ggcaagggaag actgttagga gtcagagtgc tccccctcagg tggaaggaaa 180
 ctggggccaac tctactttgt aagccatagg gtgccaggta gcccggccac cctgagcctg 240
 tgccctccact gcccccgct gg 262

<210> 1632

<211> 138

<212> DNA

<213> Homo sapiens

<400> 1632

ctggaattaa ttcttcgaca actccagacc gaccttcgga aggaaaaaca agacaaggcc 60
 gttctccaag cagaagtgca gcacctgaga caggacaaca tgagactgca ggaggagtcc 120
 cagaccgcga cagctcag 138

<210> 1633

<211> 192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 1633

ccttgaaggg acctcanagc aaaggaagag acctgggtgt ggtgaggcat cccanggcac 60
 ggaagggacc ggttgtgctn ngggaatcca ctgnnccctc cttggnnaaa aaagcacaac 120

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acatcataca tatttaccag accagaagcg ctggcccca gtctcccca cctggtcggg 180
ggaacctcct gg 192

<210> 1634
<211> 447
<212> DNA
<213> Homo sapiens

<400> 1634
ctgcttttaa aggtcttaaa tcaactcgaat accttgactt gagcttcaat cagatagcca 60
gactgccttc tgggtctccct gtctctcttc taactctcta cttagacaac aataagatca 120
gcaacatccc tgatgagtat ttcaagcgtt ttaatgcatt gcagtatctg cgtttatctc 180
acaacgaact ggctgatagt ggaataacctg gaaattcttt caatgtgtca tccctgggtg 240
agctggatct gtcttataac aagcttaaaa acataccaac tgtcaatgaa aaccttgaaa 300
actattacct ggaggtcaat caacttgaga agtttgacat aaagagcttc tgcaagatcc 360
tgggggccatt atcctactcc aagatcaagc atttgcgttt ggatggcaat cgcactcag 420
aaaccagtct tccaccggat atgtatg 447

<210> 1635
<211> 364
<212> DNA
<213> Homo sapiens

<400> 1635
gtttttatttg agacataaaa acacatgtgt ttctattaca tagtgtgggg tttaggggtcc 60
tggtttctaa gacaagactt tatttcaccc tgtatcacag ctctctggga aatgaattag 120
ggagcaagag acggcctggc aagaaaatca ttattgttgc tgggaagttg caaagaaagg 180
ggagagttaa ttcaaattag tgtaacagag cccccaggat gaagagagtg gtgcagggaa 240
aaggtctaaa ttcttggtgt tgggtggggac actggcacat cccacagcaa ggactcagcc 300
ctcaacggcg gcggctgggt cttgggaggg gagtgggtgg agggtaaggg ctctcagct 360
ccct 364

<210> 1636
<211> 399
<212> DNA
<213> Homo sapiens

<400> 1636
ctggctggct agactgtttg tgcgccaaga ggatggtcag cgctgcttcc cagcctggct 60
ctgctggggc gctggcatct ggttcagttc caccattctc cctgctttct ttgccaagtg 120
tgatattcac ccaagggcac cagtctctat gctgagaggt gggatcaaag aagcttcggg 180
aagatgtgtc cgaactgctg gaggagcaga ggcgagctcg cttggcttcc cgagagggc 240
tagatggtac ctccaggcca ggggtgtctc ctgttcccat gcttcgggtc actgggcgag 300
ttctggtggt ggggctagca gcctctggct caggacggtc aacaggactg gaagagtccc 360
agctccgagt tcgagagaca atgggaccag ggctctttt 399

<210> 1637
<211> 246
<212> DNA
<213> Homo sapiens

<400> 1637
ctgagctttc agcagataaa tcacagcaga aatagaatca ccctaggact ttcaatcaaa 60
agctggaagt ccaccttaca gaaagacaaa aagaaacccc tttttatata ttaacaaagc 120

aatagctctc aagcagcaga gcctctcgag gaagaaagct tgcccggctc ccatcccatc 180
 atgccagagc gtgcagtgtc cacccttgac tacgctgggg aattgctgat tttttgaaaa 240
 agcttg 246

<210> 1638
 <211> 453
 <212> DNA
 <213> Homo sapiens

<400> 1638
 ccaagagttc tccactgtga agactgaaag gacctggtga catttcggca tcagtctctg 60
 taccacttgg aggtaacaga agcaggctcg tgcctcctt taattctacc aactacatg 120
 actcgcaatt ggttctgaaa ttagaacggt caccatcgta cttaaaatct taggggcatg 180
 aagagtcagc tagaacaagg aaaaagaaag tcgcaggtag taggtaagta ggtgggcaca 240
 tgaaaagcca agctgctctg tccaacacca gtgtacatgt gctttaacta aatgaactcc 300
 agaggccaac agcagcagac ctgctcaatt caccttccaa atcagaacaa gacaaaaaag 360
 ctgaggcttg agttgtcaac tatgcatagg ttccgccagt gatgaggagc tcgtaagcag 420
 gatctctact ccttctgcac aacacgatgc aag 453

<210> 1639
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 1639
 tttgctgttc gtgatatgag acagacagtt gcggtgggtg tcatcaaagc agtggaacaag 60
 aaggctgctg gagctggcaa ggtaaccaag tctgccaga aagctcagaa ggctaaatga 120
 atattatccc taatacctgc caccctactc ttaatcagtg gtggaagaac ggtctcagaa 180
 ctgtttgttt caattgg 197

<210> 1640
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 1640
 ccagagcggg gaggccacc acctcgaact ctgggaattc gagccacagc tctgccagta 60
 cccaagact cagcactagt ctgatgacct gctaattcac tgacagcata gggctgtctg 120
 ttgtttttgc gcaagttggg gtgaacaaaag ttcacaatat ctggctgaat aggagccttg 180
 aatacagcag gcaaagtgac atttttgcca gatgactccc ctttttcgga gtacaccgat 240
 atcagtgggc gagcgcacgc catggcggac ctgcggccg 278

<210> 1641
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 1641
 ccattgttcc cgtgcatcga agcttgacag cagcttcagg tctcggtaa acataactct 60
 ctgggggtggc ttgggcccac ccaggaaggt accacatagc ctcttcaagt agctcatgtc 120
 cacgtttagt aagttgtgcc cggcttgcca cgtggtattc cgtttggtga catagttgac 180
 cagctcatcc gacaggggat ggaaagaggg cctgctccgg gcattgg 227

<210> 1642

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<211> 299
 <212> DNA
 <213> Homo sapiens

<400> 1642
 ctgcacatca aggacatctt caggaagttc aggattgccg tagctaaact gaaaaccacc 60
 atccatggac tctccaaacc aaacgtgttt cttctcagca ctagaatctg tccaccagtg 120
 tttccgtgga acattcaaag gattggcact tatgcatgtt tccccagttt ccatattaca 180
 gaataccttg atagcatcca atttgcaccc ttggttaggg tcaaccacgt attctccact 240
 cttgagttca ggatggcaga atttcaggtc tctgcagttt ctagcggggt ttttacgag 299

<210> 1643
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 1643
 ccaagggcta caatgagcag cgcacacagc agaacgtgca ggTTTTTgag ttccagttga 60
 ctgcagagga catgaaagcc atagatggcc tagacagaaa tctccactat tttaacagtg 120
 atagttttgc tagccaccct aattatccat attcagatga atattaacat ggagagcttt 180
 gcctgatgtc taccagaagc cctgtgtgtg gatggtgacg cagaggacgt ctctatgccg 240
 gtgactggac atatcacctc tacttaaata cgtcctgttt agcgacttca gtcaactaca 300
 g 301

<210> 1644
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1644
 ctggtgagcg aaggatggga gcagagaaca gagctaaaac ccctggTTTT cttttcccca 60
 gatgtaaagc ctgctagctg gaactcacag aagattggaa caaaaagata ggagatggac 120
 acctggggga ctgctccagc acgaagggaa gcgatgagca tcacacagca gggccattgc 180
 aggggacagg tgctgtaatt cctgcccaga gaacttgaaa gcttacagtg tgctcacagg 240
 aaggaatcgg ctgagctagt ccagaaattg ctgcatttcc catattactt agttctttat 300
 tcatcctgtg gtaaagagtc acccttgttt tccgtatcta taaaactgaa agacttaaaa 360
 ttac 365

<210> 1645
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 1645
 ctggtgctgg aactgcagaa agttaagcag gagaacatcc agctagcggc agacgcccgg 60
 tctgctcgtg cctatcgaga cgagctggat tccctgcggg agaaggcgaa ccgcgtggag 120
 aggctggagc tggagctgac ccgctgcaag gagaagctgc acgacgtgga cttctacaag 180
 gcccgcatgg aggagctgag agaagataat atcattttta ttgaaaccaa ggccatgctg 240
 gaggaacag 249

<210> 1646
 <211> 433
 <212> DNA
 <213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 1646

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ctgtggccgg attgatgggg cccccacttc ctagggctga aggcaagttg aaggaagcag 60
caggagtacc ggaatgaaaa ccttgtttct caaaggactg ctgggttttg gactacacag 120
aacccgagat atctggcacg cccgtgttac tggaggtgac tgaaacacca gtgttgtatc 180
catgagaccc atatccactc ggctgttgga aaggggtggc cgatgcattc aactgacat 240
tcacaccatg ctgcttgga gaggtaggag ccacagggaa cacagcaggc ccatactgga 300
aggtgctggg gaggcccggg acccctgtat agtatggcag gctggtgtaa actgtagcca 360
ggaggcagcg ccgggttcag gaatgtctgc tgcgtggnat ggtgagtcgt cgtctggttt 420
ctgttggggt tgg                                     433
```

<210> 1647
 <211> 451
 <212> DNA
 <213> Homo sapiens

<400> 1647

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ccagcttgca agcacgctgg caaatctctg tcaggtcagc tccagagaag ccattagtca 60
ttttagccag gaactccaag tccacatcct tggcaactgg ggacttgccg aggttagcct 120
tgaggatggc aacacgggac ttctcatcag gaagtgggat gtagatgagc tgatcaagac 180
ggccaggtct gaggatggca ggatcaatga tgtcaggccg gttggtagcg ccaatgatga 240
acacattttt tttgtggac atgccatcca tttctgtcag gatctggttg atgactcggg 300
cagcagcccc accaccatct ccaatgttac ctccacgagc cttggcaatc gaatccagct 360
catcaaagaa tagcacacag ggggcagctt ggccggccct gtcaaagatt tctctgacat 420
tggcctcaga ctcccaaac cacatggtga g                                     451
```

<210> 1648
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 1648

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cctaaacgag gatttcagct tccattatgc ccaactccag tccaacatca ttgaggcgat 60
taatgagctg ctagtggagc tggaaggagc aatggagaac attgcagccc aggctctgga 120
gcacattcac tccaatgagg tgatcatgac cattggcttc tcccgaacag tagagg 176
```

<210> 1649
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 1649

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tgtggctgtg ccgttggtcc tgtgcggtca cttagccaag atgcctgagg aaaccagac 60
ccaagaccaa ccgatggagg aggaggaggt tgagacgttc gcctttcagg cagaaattgc 120
ccagttgatg tcattgatca tcaatacttt ctactcgaac aaagagatct ttctgagaga 180
gctcatttca aattcatcag atgcattgga caaatccgg tatgaaagct tgacagaccc 240
cagtaaatta gactctggga aagagctgca tattaacctt ataccgaaca aacaagatcg 300
aactctcact attgtggata ctggaattgg aatgaccaag gctgacttga tcaataacct 360
tggtactatc gccaaagtctg ggaccaaaagc gttcatggaa gctttgcagg ctggtgcaga 420
```

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tatctctatg attgg

435

<210> 1650

<211> 246

<212> DNA

<213> Homo sapiens

<400> 1650

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ccatgtctgt attgtaactg gtaaaaggct tcaagtcaga ttgatgatca agaaaagtca 60
aaacccagc ccaagattgg gaaagcaggt ggtggtcca agctttttaa aaattattga 120
agctctccat cctgttctgt gagtgtgtct tctctttctc cttcacgtca tagccgtgac 180
ccaccgttca tctctgctct tgcgtaaaga tgaccgatgg agtccaaagc caagtggctt 240
caccag
```

246

<210> 1651

<211> 400

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(400)

<223> n = A,T,C or G

<400> 1651

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cggcaagttc tcccaggaga aagccatggt cagttcgagc gccaaagaccg tgaagcccaa 60
tggcgagaag ccggacgagt tcgagtcagg catctcccag gctcttctgg agctggagat 120
gaactcggac ctcaaggctc agctcagggg gctgaatatt acggcagcta nngaaattga 180
agttggtggt ggtcggaaaag ctatcataat ctttgttccc gttcctcaac tgaaatcttt 240
ccagaaaatc caagtccggc tagtacgcga attggagaaa aagttcagtg ggaagcatgt 300
cgnctttatc ggctcagagg aggaattctg cctaagccaa ctcnaaaaag ccgnacnaaa 360
aattanngca aaaagcgtnc caggagccgt nctctgacag
```

400

<210> 1652

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1652

```
ctgggggtgc ccatcttctg tgctctgtgg tacatatctg tgtcgccaaa gtagcgtgcc 60
cggtacagca agccttccct ctgctgcttc tccttcagc agttgttccg gaggttggcg 120
atataatcat cttccacatt ccgctcgact gttttgaggc tggagcctgt gtactcttcg 180
gagaaagtgt ctcccacata gtagacgaca cccagggtgg cagtgactcg cctgtggatg 240
tggcccacag acggtcttgg actcagactg taggggtggac tggagaccat gagctggctg 300
agagctgaca cgagaatcag gatgaggata ggcacatg
```

338

<210> 1653

<211> 167

<212> DNA

<213> Homo sapiens

<400> 1653

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gcggtggagc cgccacaaa atgcagattt tcgtggaaac ccttacgggg aagaccatca 60
ccctcgaggt tgaaccctcg gatacgatag aaaatgtaaa ggccaagatc caggataagg 120
```

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aaggaattcc tcttgatcgg cagagactga tctttgctgg caagcag

167

<210> 1654
<211> 1034
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1034)
<223> n = A,T,C or G

<400> 1654
atgcatgctc gagcggccgc cagtgtgatg gatatctgca gaattcgccc ttagcgtggt 60
cgcgccgag gtccaagagg gagataanac aaacttctca aacaaaaaga aaagaaaaac 120
gaatgattca tctgctttaa tcagtgtgat taatgcagca cccattgccc cggaaccgt 180
ttctgctgta ctatctggat actaaaatgt tacggaagta gctctttgtt ctccctcact 240
ctgcccttag ttaatagaaa ttcagactcg ccaagtaagg ctttgtgcat agtgtcttca 300
tgtcgcgat agttgagcgc gttcttagca gttggcttca tggacagctc attagtgttt 360
tgacttttct taccagcgt taattgaatt cttgctttaa gacaacttcc tttttgtagt 420
ggtgaacctt gccctttagt acagttcaag tgaatctgga taattgttca tctttgcttt 480
agcttagata ccatgtagtg gtctgtggct acaggaagct ggttctgtct gcttccacag 540
tctgcttaaa aaactgtctg acttcgtgaa tatagagacc aagtttacca cttctgatga 600
agagaccaat taagattcat tctcattct gtttctttcc agtgggagaa gagtcccat 660
gaaataagat gaaactgatt ccatgcacta gtacatgtag gcttctccct tgcgcaaagc 720
ttaacaattt gtaggaaact ttgggtcttt ttgtcccaag aaaaaggaat gtcttgacag 780
gcttaaaagt tttcgtcccc ttgcacctta aaactcgaaa gttaggnaaa atccctttaa 840
agggtctttt ttaatagcca gaacttccca aaaggaatgg cnttttaggg aatttontag 900
ccatngcttt ttaaatttaa agaaattttt aanaacctg cccnnggggn ggggnccgc 960
tccaaaaggg gnggnaaaaa ttccccagcc nacccttng gggggggccn cggttttctt 1020
tnnngggggg aanc 1034

<210> 1655
<211> 487
<212> DNA
<213> Homo sapiens

<400> 1655
atgcatgctc gagcggccgc cagtgtgatg gatatctgca gaattcgccc tttcgagcgg 60
ccgcccgggc aggtcctact cttctccgct cattgtacta tctgccgtg gtggggatgg 120
cagtaggata atatttgatg acttccgaga agcatattat tggctccgctc ataatactcc 180
agaggatgcg aaggatcatgt cctgggtggga ttatggctat cagattacag ctatggcaaa 240
ccgaacaatt ttagtgagca ataacacatg gaataatacc catatttctc gtagtaggca 300
ggcaatggcg tccacagagg aaaaagccta tgagatcatg agggagctcg atgtcagcta 360
tgtgctggtc atttttggag gacctcggcc gcgaccacgc taagggcgaa ttccagcaca 420
ctggcggcgg ttactagtgg atccgagctc ggtaccaagc ttggcgtaat catggtcata 480
gctgttt 487

<210> 1656
<211> 514
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (1)...(514)
 <223> n = A,T,C or G

<400> 1656
 atgcatgctc gagcggcccc ccagtgtgat ggatatctgc agaattcgcc cttancgtgg 60
 tcgcggccga ggctctaccc ataatccaga gaggcttgcc cagaggagga ctacgtgggg 120
 gacgtgccac cagaacccta cttgggggcg ggatgtcact ccgagggtcaa aacctgctcc 180
 gaggtggacg agccgtagct ccccgaatgg gcttaagaag aggtggtggt cgaggctgtg 240
 gaggtcctgg gagagggggc ctaggggcgtg gagctatggg tcgtggcgga atcggtggta 300
 gaggtcgggg tatgataggt cggggaagag ggggctttgg aggccgaggc cgaggccgtg 360
 gacgagggag aggtgccctt gctcgccctg tattgaccaa ggagcagacc tgcccggggc 420
 gccgctcgaa gggcgaattc cagcactg gcggccgtta ctagtggatc cgagctcggt 480
 accaagcttg gcgtaatcat ggtcatagct gttt 514

<210> 1657
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 1657
 atgcatgctc gagcggccgc cagtgtgat gatatctgca gaattcgccc ttctgagcgg 60
 ccgcccgggc aggtccanac gctgacattg nttctgagtc cttaaagcagg aaggatttga 120
 aatcctggag cttggcagtc ttgctcttca cctctaagcc aatgttgacc ccttcattcta 180
 taaagtcac aactctccg aagtcacact caccggaactg tcgagaagtt aaggctgggg 240
 ccccaagccg caggccgccc ggtgtgatgg cacttcggtc tccaggacag gtgttcttgt 300
 tggcagtgat ggatacaagc tctagcaccg gctcagcccg agctccatcc aggcccttgg 360
 gccgcaggtc caccagcacc aggtggttgt cagtaccacc tgataccagt gtagtcctc 420
 gccctagcag ggcatctgcc atggcccagc cattcttcag aacctgcagg gtagtactccc 480
 ggaacatggg ggtgcaggac ctcgcccgcc accacgctaa gggcgaattc cagcactg 540
 gcggccgtta ctagtggatc cgagctcggt accaagcttg gcgtaatcat ggtcatagct 600
 gtttc 605

<210> 1658
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 1658
 agnnttcogn cggccctcna gntgcatgct cgagcggccg cgcaagtgaga tgnatatctg 60
 cagaattcgc cttancgtg ggcgnangca tgacgtcgg gatcagaact aaaacaagtg 120
 agatcacccc tctaattatt tctgaactng gttaataaaa gcttataaga tttttatgaa 180

```

gcancactg tatgatattt taagcaaata tggtatttaa aatattgatc cttcccttgg 240
accaccttca tggttagttg gtattataaa taagagatac aacctgaat atattatggt 300
tatacaaaat caatctgaac acaattcata aagatttctc ttttatacct tcctcactgg 360
ccccctccac ctgcccatag tcaccaaatt ctgtttttaa tcaatgacct aagatcaaca 420
atgaagtatt ttataaatgt atttatgctg ctagactgtg ggtcaaagt ttccattttc 480
aaattattta gaattcttat gagtttataa tttgtaaaat tctaaatcca atcatgtaaa 540
atgaaactgt tgctccattg gagtagtctc ccacctaaat atcaagatgg ctatatgcta 600
aaaagagaaa atatggtcaa gtctaaaatg gctaattgtc ctatgatgct attatcatag 660
actaaccgac atttatcttc aaaacaccaa attgtcttta gaaaaatta atngtgatta 720
ccaggtagaa ggacctgccg gggcggnccg ctcgaaaggg ccgaaattcc agccccacct 780
gggc
784

```

```

<210> 1659
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 1659
tngngccctc tagatgcang ctcgagcggc cgccagtgtg atggatatct gcagaattcg 60
cccttagcgt ggtcgcgcc gaggtccatt aaagataagt ttggctaact attttactga 120
agagactaat ggtcttcct ctgttgact gctatgtttc ttgatctgtt tttccccaat 180
gtaacagtct acattgaagt ccttttagctc tctccatata ctaattgaca tttgttaagg 240
attcaatatt ttgtgaattc tttttaccct taaaatgcat atctttcaga gagataagaa 300
tgaattttgc aataatttat atgcagagtg tgcttatggg tttctgggag ttcaagttag 360
taccagagag tgcttaaaag tacgatgcta aattctaagg ctaatgtaat gactgtagat 420
tatctatgtc cacattgttc aacagaaaata taatgtgaac cacaacataa tttttaattt 480
tctagttagc atattaaaaa agaaacaagc aaaattaatt ttaataacag tttatgtaac 540
ccagtatatt aaaaatatca tttcaacatg taatcaatat aaaagattat taatgaaaca 600
ccttatcctc tttttcttcc atgctaagtc ttagatttga gtgtattttg cactcacagc 660
acatctcaat totgactgga cctgcccggg cgccgctcg aaagggcgaa ttccagcaca 720
ctggcgccg gttactagt gatccgagct ccggtaccaa gcttggcgta atcatggtca 780
tagctgttt
789

```

```

<210> 1660
<211> 559
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

```

```

<400> 1660
ccnccgctc tagatgcatt ctcgagcggc cgccagtgtg atggatatct gcngaattcg 60
ccctttccag cgccgccccg ggcaggtcca tcagacttct tgggtgcctg gctatattca 120
atgtgaagta aaaaatatcc caagtcttac accaaaatag aggctctgac ttagaagtat 180
gcttttagct ttctttttta ataagacatt ctggaagaaa aaaaaagaaa agggaaagaa 240
aatcaagttt gaaacacagt taacacttat tttggcaaga aagcaaccaa aatctaaaaa 300

```

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```
<210> 1661
<211> 453
<212> DNA
<213> Homo sapiens
```

```
<210> 1662
<211> 809
<212> DNA
<213> Homo sapiens
```

<400>	1662					
ctcgagcggc	cgccantgtg	atggntatct	gcagaattcg	cccttanccg	ccgcccgggc	60
aggtccttag	ccaaagaatg	cagtggagcc	ttccccngg	ggctgcattg	tgaatgaata	120
ccaattgaca	gcataaaaat	taatagtccc	atatcagatc	tggaaggggg	ttctggggct	180
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ggntataatt	aaaatgnggc	tttttacact	ggnggggcta	tataaaaact	gggtagnnaa	660
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gggncccccna	anctttgggg	qngtnaatc				809

<400> 1663
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tcggccgcga ccacgctaag ggcgaaattcc agcacactgg cggccgttac tagtggatcc 540
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<210> 1664

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(999)

<223> n = A,T,C or G

<400> 1664

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aagtccaaaa ctactcacac gcatctcttn attggggaaa agctgagact attatncatt 180
cttggtagnc ttgcaacctt gcatgaagag caccattgc atttctttca tctttcagaa 240
agcaccggta tctgttccaa gggncataca gtacnaaaat acnttntggg attacacctt 300
tnaaacccaa nactgtnttc attaaaaata attttggntt gtaacaaaat tatgaaatac 360
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agtaagaaca cactaacgtc acaagtttct cattctaaag tgcnaaancc ntaatngtct 540
ngaaagtgga acaggggtaa agggcaaaaa ttaacccccc ccaccccaat taaagtttcc 600
tggaangtca ntantntttt naatccccaag aggnnncatt tctnttttaa aaaattggnt 660
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aagggggggt cgnnaaaaaa tttctccna aganaaacc acctttgggg cgnggggacn 900
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<210> 1665

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 1665

gctaaagggtg accccaagaa accaaag

27

<210> 1666

<211> 37

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<212> DNA
<213> Artificial Sequence

<220>
<223> PCR primer

<400> 1666
ctattaactc gagggagaca gataaacagt ttcttta

37

<210> 1667
<211> 207
<212> PRT
<213> Homo sapiens

<400> 1667
Met Gln His His His His His Ala Lys Gly Asp Pro Lys Lys Pro
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Lys Gly Lys Met Ser Ala Tyr Ala Phe Val Gln Thr Cys Arg Glu
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Glu His Lys Lys Lys Asn Pro Glu Val Pro Val Asn Phe Ala Glu Phe
35 40 45
Ser Lys Lys Cys Ser Glu Arg Trp Lys Thr Met Ser Gly Lys Glu Lys
50 55 60
Ser Lys Phe Asp Glu Met Ala Lys Ala Asp Lys Val Arg Tyr Asp Arg
65 70 75 80
Glu Met Lys Asp Tyr Gly Pro Ala Lys Gly Gly Lys Lys Lys Lys Asp
85 90 95
Pro Asn Ala Pro Lys Arg Pro Pro Ser Gly Phe Phe Leu Phe Cys Ser
100 105 110
Glu Phe Arg Pro Lys Ile Lys Ser Thr Asn Pro Gly Ile Ser Ile Gly
115 120 125
Asp Val Ala Lys Lys Leu Gly Glu Met Trp Asn Asn Leu Asn Asp Ser
130 135 140
Glu Lys Gln Pro Tyr Ile Thr Lys Ala Ala Lys Leu Lys Glu Lys Tyr
145 150 155 160
Glu Lys Asp Val Ala Asp Tyr Lys Ser Lys Gly Lys Phe Asp Gly Ala
165 170 175
Lys Gly Pro Ala Lys Val Ala Arg Lys Lys Val Glu Glu Glu Asp Glu
180 185 190
Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Asp Glu
195 200 205

<210> 1668
<211> 636
<212> DNA
<213> Homo sapiens

<400> 1668
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atgtccgctt atgccttctt tgtgcagaca tgcagagaag aacataagaa gaaaaacca 120
gaggtccctg tcaattttgc ggaattttcc aagaagtgtc ctgagaggtg gaagacgatg 180
tccgggaaag agaaatctaa atttgatgaa atggcaaagg cagataaagt gcgctatgat 240
cgggaaatga aggattatgg accagctaag ggaggcaaga agaagaagga tcctaagtct 300

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cccaaaaggc	caccgtctgg	attcttctctg	ttctgttcag	aattccgccc	caagatcaaa	360
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aattttaaag	acagtgaaaa	gcagccttac	atcactaagg	cggcaaagct	gaaggagaag	480
tatgagaagg	atgttgctga	ctataagtcg	aaaggaaaag	ttgatggtgc	aaagggtcca	540
gctaaagttg	cccggaaaaa	ggtggaagag	gaagatgaag	aagaggagga	ggaagaagag	600
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<210> 1669

<211> 2821

<212> DNA

<213> Homo sapiens

<400> 1669

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ggcgcggtc	ggggggcg	cgagggggcc	gggcccagcg	gcggcgcgca	gggcggcgca	360
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ccagacagcg	tgcccccat	cgatgtcctc	tggatcaaag	ggggccaggg	aggtgactac	540
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tcactgtaca	gtgtgggagc	cccagttccc	acctctgtga	caataggatc	atggccttac	900
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gagagtgaga	tgaagaagctg	aaagacttct	tgagttcttg	gcctggaact	gggactagga	1920
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aagggatgag	aaacagacta	catgtcttga	tgaagggaac	cacaaagagc	ttgtggccat	2040
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<210> 1670
<211> 137
<212> PRT
<213> Homo sapiens
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```
<210> 1671
<211> 109
<212> PRT
<213> Homo sapiens
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<400> 1671
Met Ala Arg Pro Glu Leu Arg Pro Gly Gly Gly Gly Glu Ser Arg Gly
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Gly Gly Asp Asp Gly Ala Ala Cys Arg Arg Asn Ala Gly Gln Gly Arg
          20              25              30
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Arg Gly Ser Gly Gly Ala Arg Gly Ala Arg Ala Glu Arg Arg Arg Ala
35 40 45

Gly Arg Gln His Pro Leu Gly Pro His Arg Arg Gly Ala Gln Arg Ala
50 55 60

Ala Glu Arg Ala His Pro Ala Ala Ala Val Arg Val Gly Pro Arg Gln
65 70 75 80

Gly Ala Glu Pro Arg Gly His Asp Pro Gly Gly Pro Arg Gln Arg Ala
85 90 95

Pro His Arg Cys Pro Leu Asp Gln Arg Gly Pro Gly Arg
100 105

<210> 1672

<211> 145

<212> PRT

<213> Homo sapiens

<400> 1672

Met Gly Leu Lys Ser His Val Leu Pro Ala Pro Asn Ser Gln Gly Gln
5 10 15

Gly Ser Leu Cys Ile Phe Val Tyr Val Thr Ser Tyr Met Asp Tyr Ile
20 25 30

Gln Leu Gln Gly Lys Glu Asn Leu Asp Cys Ser Gly Leu Asn Lys Gln
35 40 45

Lys Ile Val Phe Pro His Ser Met Asp Ser Gly Asp Gly Trp Leu Met
50 55 60

Val Leu Val Gln Gln Leu His Glu Gly Arg Gly His Val Leu Asp Pro
65 70 75 80

Phe Ala Leu Ile Ser Val Leu Val Thr Ser Trp Ser Gln Asp Gly Cys
85 90 95

Cys Ile Pro Lys Asn His Val Cys Val Gln Gly Arg Arg Gly Gly Gly
100 105 110

Arg Gly Arg Ala Lys Leu Ala Gly Pro Val Thr Phe Tyr Gln Lys Val
115 120 125

Lys Pro Arg Gln Lys Ser Val Ser Cys Ser Leu Pro Leu His Ile Phe
130 135 140

Thr
145

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<210> 1673
 <211> 117
 <212> PRT
 <213> Homo sapiens

<400> 1673

Met Asp Tyr Ile Gln Leu Gln Gly Lys Glu Asn Leu Asp Cys Ser Gly
 5 10 15

Leu Asn Lys Gln Lys Ile Val Phe Pro His Ser Met Asp Ser Gly Asp
 20 25 30

Gly Trp Leu Met Val Leu Val Gln Gln Leu His Glu Gly Arg Gly His
 35 40 45

Val Leu Asp Pro Phe Ala Leu Ile Ser Val Leu Val Thr Ser Trp Ser
 50 55 60

Gln Asp Gly Cys Cys Ile Pro Lys Asn His Val Cys Val Gln Gly Arg
 65 70 75 80

Arg Gly Gly Gly Arg Gly Arg Ala Lys Leu Ala Gly Pro Val Thr Phe
 85 90 95

Tyr Gln Lys Val Lys Pro Arg Gln Lys Ser Val Ser Cys Ser Leu Pro
 100 105 110

Leu His Ile Phe Thr
 115

<210> 1674
 <211> 90
 <212> PRT
 <213> Homo sapiens

<400> 1674

Met Asp Ser Gly Asp Gly Trp Leu Met Val Leu Val Gln Gln Leu His
 5 10 15

Glu Gly Arg Gly His Val Leu Asp Pro Phe Ala Leu Ile Ser Val Leu
 20 25 30

Val Thr Ser Trp Ser Gln Asp Gly Cys Cys Ile Pro Lys Asn His Val
 35 40 45

Cys Val Gln Gly Arg Arg Gly Gly Gly Arg Gly Arg Ala Lys Leu Ala
 50 55 60

Gly Pro Val Thr Phe Tyr Gln Lys Val Lys Pro Arg Gln Lys Ser Val
 65 70 75 80

Ser Cys Ser Leu Pro Leu His Ile Phe Thr
 85 90

0984966 050501

<210> 1675
 <211> 102
 <212> PRT
 <213> Homo sapiens

<400> 1675
 Met Gln Asn Cys Val Pro Val Ser Phe Cys Cys Val Thr Asn His Pro
 5 10 15

Gln Thr Trp Gln Leu Glu Thr Asn Pro Val Phe Ser His Asn Pro Met
 20 25 30

Gly Trp Gln Phe Gly Leu Gly Ser Thr Gly Gln Phe Cys Cys Ser His
 35 40 45

Leu Gly Ser Leu Met Glu Leu Arg Ser Ala Val Thr Ser Ala Gly Pro
 50 55 60

Gly Trp Ser Arg Ile Ala Leu Leu Thr Cys Leu Ala Gly Asp Arg Leu
 65 70 75 80

Leu Ala Gly Ile Ala Trp Phe Ser Ser Met Trp Pro Leu Gln Gln Ala
 85 90 95

Ser Ser Gly Leu Phe Thr
 100

<210> 1676
 <211> 1336
 <212> DNA
 <213> Homo sapiens

<400> 1676
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 cagcaaagaa aaggaatagg atcaagagat acgtggctgc tggcagagca agcatgaatt 180
 cgatgacttc agcagttccg gtggccaatt ctgtgttggt ggtggcacc cacaatgggt 240
 atcctgtgac ccaggaatt atgtctcacg tgcccctgta tccaaacagc cagccgcaag 300
 tccacctagt tcctgggaac ccacctagtt tgggtgctgaa tgtgaatggg cagcctgtgc 360
 agaaagctct gaaagaaggc aaaaccttgg gggccatcca gatcatcatt ggcctggctc 420
 acatcggcct cggtccatc atggcgacgg ttctcgtagg ggaataacctg tctatttcat 480
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 tggcagcaga aaatcagcca tattcttatt gcctgctgtc tggcagtttg ggcttgaaca 600
 tcgtcagtcg aatctgctct gcagttggag tcatactctt catcacagat ctaagtattc 660
 cccacccata tgccctaccc gactattatc cttacgcctg ggggtgtgaac cctggaatgg 720
 cgattttctg cgtgctgctg gtcttctgcc tcctggagtt tggcatcgca tgcgcattc 780
 cccactttgg ctgccagttg gtctgctgtc aatcaagcaa tgtgagtgtc atctatocaa 840
 acatctatgc agcaaaccga gtgatcacc cagaaccggt gacctacca ccaagttatt 900
 ccagtgaagt ccaagcaaat aagtaaggct acagattctg gaagcatctt tcaactgggac 960
 caaaagaagt cctcctccct ttctgggctt ccataaccca ggctcgttct gttctgacag 1020

09049626 050301

ctgaggaaac gtctctccca ctgtttgtac tctcaccttc attcttcaat tcagtctagg 1080
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 cacacacaca ttcgtgtgct ctgctgcatg tgagcttggt ggtagagga acaaatatct 1260
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 caatgtgaaa aaaaaa 1336

<210> 1677
 <211> 250
 <212> PRT
 <213> Homo sapiens

<400> 1677

Met Asn Ser Met Thr Ser Ala Val Pro Val Ala Asn Ser Val Leu Val
 5 10 15
 Val Ala Pro His Asn Gly Tyr Pro Val Thr Pro Gly Ile Met Ser His
 20 25 30
 Val Pro Leu Tyr Pro Asn Ser Gln Pro Gln Val His Leu Val Pro Gly
 35 40 45
 Asn Pro Pro Ser Leu Val Ser Asn Val Asn Gly Gln Pro Val Gln Lys
 50 55 60
 Ala Leu Lys Glu Gly Lys Thr Leu Gly Ala Ile Gln Ile Ile Ile Gly
 65 70 75 80
 Leu Ala His Ile Gly Leu Gly Ser Ile Met Ala Thr Val Leu Val Gly
 85 90 95
 Glu Tyr Leu Ser Ile Ser Phe Tyr Gly Gly Phe Pro Phe Trp Gly Gly
 100 105 110
 Leu Trp Phe Ile Ile Ser Gly Ser Leu Ser Val Ala Ala Glu Asn Gln
 115 120 125
 Pro Tyr Ser Tyr Cys Leu Leu Ser Gly Ser Leu Gly Leu Asn Ile Val
 130 135 140
 Ser Ala Ile Cys Ser Ala Val Gly Val Ile Leu Phe Ile Thr Asp Leu
 145 150 155 160
 Ser Ile Pro His Pro Tyr Ala Tyr Pro Asp Tyr Tyr Pro Tyr Ala Trp
 165 170 175
 Gly Val Asn Pro Gly Met Ala Ile Ser Gly Val Leu Leu Val Phe Cys
 180 185 190
 Leu Leu Glu Phe Gly Ile Ala Cys Ala Ser Ser His Phe Gly Cys Gln
 195 200 205
 Leu Val Cys Cys Gln Ser Ser Asn Val Ser Val Ile Tyr Pro Asn Ile
 210 215 220

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Tyr Ala Ala Asn Pro Val Ile Thr Pro Glu Pro Val Thr Ser Pro Pro
225 230 235 240

Ser Tyr Ser Ser Glu Ile Gln Ala Asn Lys
245 250

<210> 1678
<211> 177
<212> PRT
<213> Homo sapiens

<400> 1678

Thr Arg Pro Arg Arg Ala Ala Gln Gly Arg Arg Glu Ala Pro Pro Gly
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Gly Glu Pro Glu Pro Arg Ala Ser Leu Ala Ala Pro Gly Glu Arg Ser
20 25 30

Arg Ser Arg Ala Gly Asp Arg Gly Val Glu Ala Gly Pro Arg Arg Gly
35 40 45

Arg Gly Arg Asn Ala Arg Cys Pro Gly Thr Gly Pro Asn Pro Pro Ala
50 55 60

Ala Arg Asn Gly Met Ala Arg Pro Glu Leu Arg Pro Gly Gly Gly Gly
65 70 75 80

Glu Ser Arg Gly Gly Gly Asp Asp Gly Ala Ala Cys Arg Arg Asn Ala
85 90 95

Gly Gln Gly Arg Arg Gly Ser Gly Gly Ala Arg Gly Ala Arg Ala Glu
100 105 110

Arg Arg Arg Ala Gly Arg Gln His Pro Leu Gly Pro His Arg Arg Gly
115 120 125

Ala Gln Arg Ala Ala Glu Arg Ala His Pro Ala Ala Ala Val Arg Val
130 135 140

Gly Pro Arg Gln Gly Ala Glu Pro Arg Gly His Asp Pro Gly Gly Pro
145 150 155 160

Arg Gln Arg Ala Pro His Arg Cys Pro Leu Asp Gln Arg Gly Pro Gly
165 170 175

Arg

<210> 1679
<211> 42
<212> PRT

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<213> Homo sapiens

<400> 1679

Leu	Val	Cys	Cys	Gln	Ser	Ser	Asn	Val	Ser	Val	Ile	Tyr	Pro	Asn	Ile
1				5					10					15	
Tyr	Ala	Ala	Asn	Pro	Val	Ile	Thr	Pro	Glu	Pro	Val	Thr	Ser	Pro	Pro
			20					25					30		
Ser	Tyr	Ser	Ser	Glu	Ile	Gln	Ala	Asn	Lys						
		35					40								

<210> 1680

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 1680

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ttgtatcttt tathtaggtg ccaaggtata acccactgct tgaacttggt ccagatgatt 180
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aaaaaccctg tcaggcaggg acctgaggag ttattaacga accgggaaga attcagggcg 660
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<210> 1681

<211> 305

<212> DNA

<213> Homo sapiens

<400> 1681

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aatatcatta ttaagtctcc tcagattgat ctatagattc acagaaatcc caattcaaac 180
cctatcagga ctattttagt aaatagacac actgatgata aaattttacat agaaacacaa 240
aggaagcaga atagccaaaa attattgggg aaaaaatgta gttgaaggat tcccattact 300
ccttt

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<210> 1682

<211> 498

<212> DNA

<213> Homo sapiens

05849526 050301

<400> 1682

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atgtgagggc ccataatcatc ataaccagca ataaggagac caacaccata tggctccgg 180
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ctttaattgt tgcataatcc accagagaaa taatgcaata ggacactatt tctttggcct 360
aatataaaat gtttgacttt ctaccgaacc taagaaagag tgccagcaaa ataatttctt 420
cccatctaaa acctgatttg ttttggatac aagggggtct aggatttctt gggacatcta 480
gaaccattaa gaaacttt

```

<210> 1683

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1683

```

aaaaattaaa aatagcacaa ttctacaatt ctgattttac caagaaaata aacctttttt 60
ggcacatatt atcctatgaa aatggaaagc tgagtcaggc tgctctgctt ttcacagcac 120
aaataagcat tcatgctatc agacttggga aattaactcg gtgacaaaaa ttcactggaa 180
aatagaatcc ttggaaaaat ggggtcaggc gccatccact gagaggcaat gataatgtgt 240
gtccttcggt attagcacaa agtttaggcag cacactataa ttttagctac atgcaactct 300
ataggaacac atgtgggtaa gg

```

<210> 1684

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 1684

```

aaaagatgct gcttccctgt tttcttccag gaacacagag accaacacgg nttcaaacac 60
aggcgagct tctcactatt tcttggaat gttacttctc agcccaacac ttctcttccc 120
aagaagttca agttttgaga ctgtttttct ccccggaaca gtacttaaaa aaaaaaaaaat 180
cnttgatntt caaanatggg ttnttttctg gtcctggaan agcatcagta actaaatatc 240
aagtintcca caatgctgcc cccctgggg ggctaaccgg atgccaaggg aga 293

```

<210> 1685

<211> 390

<212> DNA

<213> Homo sapiens

<400> 1685

```

aaattgtcta actcctatcc cagtttcttt ttatagtcta aaaacaagga atcacccaag 60
taagatactc cttcagagca ctgctgaaaa cggatcaaac gtagagatcc ccagatccc 120
tgttctcaag tgttaaaaat attttatatt agcacataga atacccttag atatattctg 180
ttatgttcta aagagtttgt gtttccccct ttttgatgat gtcttcaatt tottctgaga 240
cctttcctgt atagtcattt ggttctattg cttttaactt ctcttgatac tccagcggca 300
aaccattttc ttttgcaccc atgcaaataa tctttttata ctgtggggat gggggagcac 360

```

T05050"92964860

390

<400> 1686						
gggtccagtc	caacctgtct	ctcattattg	taaacatgtg	cagaatcaat	atggtggaac	60
ccggcttcta	ttgccaat	gacggcctct	agagctttac	ttttaggaac	ctggggggagc	120
aaccaaacgt	aatat	gactaatgtg	cctgagagtt	agttcgggca	caagcagcaa	180
cgttcacaaa	aatcagcttt	tcctcctttc	ttggatgagc	tctgtatgta	gaatcataag	240
cccatcccag	tctgactggg	tctttcccat	ttagtaataa	aggttgggca	tagcaggaac	300
ttctgcagtc	ccagaaaaat	cactgaaagt	ggaagtgtcc	ccaaaacaat	ttcacttttca	360
ttgatttttt	ggaaaaatca	acaggacgca	actatagtta	cagacataat	cttaattatt	420
tttagtatgg	tgaaaattaac	acaaggaaat	agccacatgg	aaggaattat	gaaggaatgc	480
agtgtaaagt	cctgtgattc	ctctcccacc	atgttgacac	gagcgcactg	actttatcca	540
gcatcatat						549

```
<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G
```

<400> 1687							
caactgcaaa	tgaagatcct	ttttggatac	ttgntgagaa	agacacattn	gggggggggt	60	
tgtgacnaaa	ataacgatgg	cgggcttgat	ccccaagagc	tgttaccttg	ggtagtacct	120	
aataatcagg	gcattgcaca	agaggaggcg	cttcattctaa	ttgatgaaat	ggatttgaat	180	
ggtgacaaaa	agctctctga	agaagagatt	ctggaaaacc	cggacttggt	tctcaccagt	240	
gaagccacag	attatggcag	acaggctcca	tgatgactat	ttctatcatg	atgagcttta	300	
atctccgagc	ctgtctcagt	agagtactgg	ctccttttat	aatttgttac	cagctttact	360	
tttgtgataa	aatattgatg	tngnntttta	cactcttaag	tcttaaccac	agtcacaatt	420	
atcttaatgt	agatnataat	tg				442	

```
<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G
```

<400> 1688						
ctgcagctca	acagcaagag	ctntgagggc	atcactgaac	agatagcacc	tnatgngntn	60
tnatgattca	aaaatctccc	ttgctgttgg	atttaccaac	acgtaggctt	ttattttcttc	120
cattatattca	tgtttagcca	cagaagaact	cgggccatac	tactgtcaga	agataagact	180
tcctcagaat	cttattttgtt	tagtgcactc	aatttttactt	cactgtctca	tcacttqaqa	240

<210>	1692
<211>	450

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 1692
aaaaatggg ccccaaagac tgntaagagc tcatccccgt ggtctcctat caccggggnn 60
gggggttcag tctgatgaga agcttggaag gtactgaaac tcatacatgt aggtgggtgc 120
tccagcatct ctgtgggtcc gggccacaat cacagatggg acaccaaaca tcacatctgc 180
tatcaagtcc aggaacaggt ctttcttttt gacagtgtcg tctgttcctc ctaagtattt 240
ctcagtggct tctggaatca gttccttagc aatgcaaaca aggggatagg acttccacag 300
gagtgcacatg gctgtcttct ggtccagttg cccttcggag agtggatagc tcatcaactg 360
cattggaatc aaccagccaa actcctgctt gttaattccg accatgtang ggacagngtg 420
gaaattcctt tcagcttgaa agctcttcag 450

<210> 1693
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(436)
<223> n = A,T,C or G

<400> 1693
ctattttatt aacatcatgn ttttaataaat aactggctac ttctaataaa nnggggggnt 60
cngtttacaa cagcccccaa tattccattt tgaccactct gcagaatttg gtgtaaaaag 120
ttgaatgaaa ttagaacctt gagctatcaa gtaattatgt ttcaatataa aaatagagaa 180
ttactcttac aactgaagat tgaacaataa cacaacaac ctctttgttg gttttaggtt 240
cggtaaaatt agttgggagc ttaatggctg tctaaagcag gaaganacag aattttaatc 300
tttctgaaga cttctgggaa ctnccttgaa agngatttgc taccttatca gagtttatga 360
gctattattt tggtnaaggc acaangaaag gattcccang nngttgntan tcttttgccc 420
tggacnacaa anattg 436

<210> 1694
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 1694
attatctgca aggttttttt gtgtgtgnt tngnttttat tttcaatatg caagttaggc 60
ttaatttttt tatctaataa tcatcatgaa atgaataaga gggcttaaga atttgtccat 120
ttgcattcgg aaaagaatga ccagcaaaag gtttactaat acctctccct ttggggattt 180
aatgtctggg gctgccgcct gagtttcaag aattaaagct gcaagaggac tccaggagca 240
aaagaaacac aatatagagg gttggagttg ttagcaattt cattcaaaat gccaaactgga 300

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gaagtctgtt ttt

313

<210> 1695

<211> 522

<212> DNA

<213> Homo sapiens

<400> 1695

```
ccattttcag gggaagcttg ggagagcaat agtatggtga gccccttaga gatgagcgcc 60
tactccttct tggcgaatgc tgccttcaga tgcttaccaa gtgggtcactg catctagtaa 120
gattatattt ccagtacact tccttagggc agaaacacca tcctatcagg tttggtcagt 180
cccttcttca tgaagggagt catggggaat tcctgaaaat tttcttcctt ctgcagacag 240
ttggatgagt cccttagaga aggcattccag agacataact aaactgaata tcatcccata 300
ttgatttttag gaattgactc taaaactctg tgcagaatct tgtgttgga ttgtatcttg 360
acattcctgt tgtgttattt ttcttaactg gagtgtgtgc tgcctttcag gtacaatttt 420
tgtgtaataa aagccagtgc attaagttta tatagactac tttctatgca agactgagat 480
atggaataga taggaagaga tatgtactgc tgggtacatg ga 522
```

<210> 1696

<211> 174

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(174)

<223> n = A,T,C or G

<400> 1696

```
ccagccattg cctggcattt ggtagtatag tatgattctc accattattt gncanggagg 60
cagacataca ccagaaatgg gggagaaaca gtacatatct ttctgtcttt agtttattgt 120
gtgctggtct aagcaagctg agatcatttg caatggaaaa cacgtaactt gttt 174
```

<210> 1697

<211> 561

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(561)

<223> n = A,T,C or G

<400> 1697

```
ctgtaatggt attgcagatc cncatctctc gctcaactgt taatgtctca acctnnagag 60
gcaccccacc cagcacactg tcagtaaagg ggcagattga aacagtgaga gttaagggtta 120
cagttagaaa ttctgcatgt ttgcagtgc tagaatcaga tagtagtggtg gtgggttttt 180
tttttaatac ttatgaanag tgggagcttg caggtaaggc ttctgtggtg gtttgaaaag 240
cagaaagcaa taaatgaaac aaagngtttg tgtaatatat tcctgccttg tcttcttcac 300
tcagagttga aatagggttt gcagtaaagc tggaaaaaaa aagaaaacaa atgttcaaaa 360
ctgtgtgtgt tggngggngg aatttccttt gcttatagna gtttcagagn aactatatgt 420
tttttttctt ttctttttca caggcacaga aaactgaatc tgtanataac gagggaaaat 480
gaattgcatg aaaaattggg gttgatttta tgtatctctt gggacaactt ttcctcggcc 540
gcnaccacnc taagggcgaa t 561
```

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<210> 1698
 <211> 267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 1698
 cgaggtctgc cctcgattgt gtattttctgt tggatcaaac actcccatgt taccactngg 60
 cnncataatg tatcgatata tattccaagt ggcaacaggt aagttgagaa ggaagatgaa 120
 ccagtgcagt gacatgagca gtaatacagt gacaatggta tggccactta aattaaaaat 180
 ataacaaaat tgaaaaatag acatataacc aaaaagattc taaatcttgc aaggaaaaaa 240
 agaataaagc tgccaataag ttattttt 267

<210> 1699
 <211> 449
 <212> DNA
 <213> Homo sapiens

<400> 1699
 tgtaagatt ttttttgcta caaagaggag gtggcaatgg tagatccacc cttatgcttc 60
 tcagtttagc ataacctctt atggattttc atcaaatcca gcgtgttggt cactggaaag 120
 agccttttcc ttctcctttt cttactctcc cctcatgggt ttcccctctt aaaggagagg 180
 agcttttaat ttacacttac cacctcattt gcttttctgg aggccatgca atataggcgg 240
 gactacagag ttaatctcct ttttacaat gaggccaaaga gaagcctcat tggttcacag 300
 tcatgcagct catactgtcc acccttgtat tctcagatgc aggacaattg catttttagtt 360
 ttattttgtg gaggtgcaga atattttactc tttctgtcca acccttgatt ctgccgagga 420
 agacactgat ggtttgatga gtgattcag 449

<210> 1700
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 1700
 acatttcaca aataagatgt agctttccaa acaaatccat tcgatgacca ttatcacaac 60
 tatattttat tctaatttat aaaacaaaaa atggtagac aagcacatga tatcaagagt 120
 cttcaacaca gtggattcca ttttattaag aaaaaaaata gaaaacaagt agtccttaaa 180
 ttgtcttagc tctccatagc atacgttata taaaattaaa gttttgcttc caaaaatatg 240
 tttccatgtg gtcgtgggtg tgtccagtgc tattagggcc aaagcaccaa agacatgaga 300
 agtttaacca tcgacttgtc atttttcata aaagctaaac atttccttat aggtctggag 360
 taaaatcttc taggcatttt agtgctaaaa gtcacttt 398

<210> 1701
 <211> 257
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

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<222> (1)...(257)

<223> n = A,T,C or G

<400> 1701

```
aaanaacact annggacctt agagatnata actgtttgat aatttgntc agncgtattg 60
nntaaaaaga tatatnnng gggggnnnnt cngtgtnaan ngntgtttgg attgcctgat 120
attatancnn ggnggttggg nnntatntna cncantatac ctengncgca accncgctaa 180
tggcnagnat catnacactg gcngncgtta ctactggatn cgagctcngt gccaatnncn 240
ncgtentcat ngcccta 257
```

<210> 1702

<211> 526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 1702

```
acctaattna ttgaagtaat aaccaaataa ttttcaatct tgattcaact gtgattcaaa 60
tcttacacca ttgcccact tctatgaatt ttatgtataa aattttttta gagtcagagt 120
tttttttctt gattaattgg atgtatttca cagaatttcc aactgctcac gttagttttc 180
ttccttttag agttgatctc tctaattgtat tagatcttca tgcctttgat agtctctctg 240
gaataagttt gcagaaaaaa cttcagcatg tgccaggaac acaacctcac cttgatcaga 300
gtattgttac aatcacattt gacgtaccag gaaatgcaaa ggaagaacat cttaatatgg 360
ttattcagaa tcttctgtgg gaaaagaatg tgagaaacaa ggacaatcac tgcattggagg 420
tcataaggct gaagggattg gtgtcaatca acgacaaatc acaacgagtg attgtncagg 480
ggggtccatg agctctggtg atccggggagg agactccaat gagctg 526
```

<210> 1703

<211> 116

<212> DNA

<213> Homo sapiens

<400> 1703

```
gacctccgaa ctgagctcta atttagctga tcagattttg cttgggtaaa gttccttttt 60
aatgttctaa agtgtttacg gttctcaaat atcagttaaa aactaatttt aggtgg 116
```

<210> 1704

<211> 241

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(241)

<223> n = A,T,C or G

<400> 1704

```
aaaaattgtg taattgttaa atgtccagtt ttgctctgtt ttgcctgaag ttttagtatt 60
tgttttctag gtggacctct gaaaaccaa ccagtacctg gggagggttag atgtgtgttt 120
caggcttgga gtgtatgagt ggttttgctt gtattttcct ccagagattt tgaactttaa 180
```

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taattgcgtg tgtgtttttt ttttttttna aggggctttg tttttttttn tcaanaaaaa 240
t 241

<210> 1705
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 1705
ggtcctgtnt anacacacat caatatgaaa caaaaaaaat ttatataaat aagtcaatta 60
aacttcacaa aaactaaaga aacacaagac aaaaatccaa caagcaataa aaactgtaca 120
atattgggtca gtcttttata tctgaaaaat gtgtaactta aaaaaaagtt atttatcgta 180
taaaaaaagt cttttacatc tgtgttagct ggagtgaaaa cttgaagact cagactcagt 240
ggaaacagat gaatgtccac ctgctttcc tttggagagg atcttgaggc tggaccctct 300
gctcacagag gtgagtgcgt gctgggcaga ggtttt 336

<210> 1706
<211> 107
<212> DNA
<213> Homo sapiens

<400> 1706
agggtggctc tgggagcagt tgtgctgcgg gcttgctggg ggagaactct aactgttgca 60
gaaacagagc ttcattggctt gcttaaatga cttagctgga atatttt 107

<210> 1707
<211> 512
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 1707
tttttgtct ggtaattata tattttattat ttagcaaaac tgaagaaaaa aagcacagaa 60
ttgtttcaac agatgtctct cattttcagc tagcatttct ctcccaagtt gagctggttt 120
aatgtgtttt ggatttccct cctcaattgg cttatttttt agatcacctg caattcattt 180
gcaaattgca ataaaacaca ttttagaaaa aaggaacctt caattattag ctttgtttct 240
ttttaaatgt atatatattg actaatgttt gtgaatgaag ttggctaaca tgtatttagt 300
ttcatttttg cggtagttaa tataaagttt ttaaaatttt aaatatggtt ttaaccttta 360
tgtgtaaatg attttctagt gtgaccttct aatttaatat tagacgtcta aggtatatct 420
gtaaaattga atccgactat cactctgttc attttttttg aacaaagnn ttaaagaaag 480
cctgaaccag ggaaaaaaa aaaaaaaa aa 512

<210> 1708
<211> 203
<212> DNA

T0E050" 92964860

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(203)

<223> n = A,T,C or G

<400> 1708

```
aatcttctaa aggaagaaca gaccccnag aataanatta cagttgttgg ggttggtgct 60
gttggcatgg cctgtgccat cagtatctta atgaagacta taatgtaact gcaaactcca 120
agctggtcat tatcacggtc ggggcacgtc agcaagaggg agaaagccgt ctttaatttg 180
tccagcgtaa cgtgaacatc ttt                                     203
```

<210> 1709

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(271)

<223> n = A,T,C or G

<400> 1709

```
ngttgaaaaa atagatccaa tcagtttata ccctagtttag tgttttgcct cacctaatag 60
gctgggagac tgaagactca gcccgggtgg ggctgcagaa aaatgattgg cccagtcctc 120
cttgtttgct ccttctacag gcatgaggaa tctgggaggc cctgagacag ggattgtgct 180
tcattccaat ctattgcttc accatggcct tatgaggcag gtgagagatg tttgaatttt 240
tctcttcctt ttagtattct tagttcttca g                                     271
```

<210> 1710

<211> 239

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(239)

<223> n = A,T,C or G

<400> 1710

```
tacaaaaatat ttttaattgta agtgggtcaga ggaattcttc tggtttctcc cttatggnta 60
tttttaattt gtacaatagt tgcttctgtc aactcagcga caatgccatc atagctttca 120
aatgagatca ccctgtagat cgatggacta tgccttaaag ttgcagatgc ataaaggaga 180
ctgaggacaa atggtgaaaa ctgtagttac tgaacccaaa tgttactcag agatatcaa 239
```

<210> 1711

<211> 122

<212> DNA

<213> Homo sapiens

<400> 1711

```
agtgtaaagt aacacagaag agtgacatgt ttacaaacct caagccagcc ttgtctctgg 60
ctggggcctg ttgaagatgc ttgtatttta cttttccatt gtaattgcc a tcgccatcac 120
```

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ag

122

<210> 1712
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 1712
 ttcccataaa taaaagtaca gttttcttgg tggcagaatg aaaatcagca acttctagca 60
 tatagactat ataatcagat tgacagtata tagaatatat tatcagacaa gatgaggagg 120
 tataaaagtt actattgctc ataatgactt acaggctaaa attagtttt 169

<210> 1713
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 1713
 tgacagagag gatggcgctg tcgaccatag tctcccagag gaagcagata aagcgggaagg 60
 ctccccgtgg ctttctaaag cgagtcttca agcgaaagaa gcctcaactt cgtctggaga 120
 aaagtgggtga cttattggtc catctgaact gtttactgtt tgttcatcga ttagcagaag 180
 agtccaggac aaacgcttgt gcgagtaaat gtagagtcac taacaaggag catgtactgg 240
 ccgcagcaaa ggtaattcta aagaagagca gaggttagaa gtcaaagaac atattcttga 300
 aagttatgat gcattctttt ggggtggaac agatcataaa gacatttttt acacatcagt 360
 taatatggga ttattaaata ttggctataa aa 392

<210> 1714
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 1714
 tgggagggat attttccac aggaacaagg gtctccgtga tgacacgggg tctctatagt 60
 catgttgaga gcctaattggc ccttggcata attgctgggtg ttggggtaga aggtgtcttg 120
 gagtttgctc aagtgggtga gagggaggga ggtgccatag acttgaggga actggcacga 180
 agccaaggat acaaattccag gcagggtgtg ggggcaggat agggagcagg gccttctact 240
 gaaggagtga ctcaggaagg aggaggggaa ggtgacaagc ccctgggcag gagccctgtg 300
 g 301

<210> 1715
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 1715
 taaattcagg ctaacttctg aaaatcccgt tttattcacc tcaactgtgg accagtaact 60
 atactgagtc aggttacttt acagttaact atgtcaccta aaacacaata atccattaac 120
 actctaataa cagttattgg gtgtggtcat actggaaatt cttaaccata tagttgtctt 180
 gccaatTTTT tttt 194

<210> 1716
 <211> 185
 <212> DNA
 <213> Homo sapiens

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<400> 1716

gtaggaatgg gttcttggtta cacaagatag tattgttgag ctagttttcg agctctgtgc 60
 acaagcactc tttaattccc acggacgggg ctcctccagc tacagcagcc aaagcatatt 120
 caatctggac aagtttacca gacgggctga atgtagtcag cgaaaaactg taccgcgcgt 180
 ccgcc 185

<210> 1717

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 1717

aanaggctct tgggtggagag gactgtgaag ccgtcggcag gtgtgccctc ggttgtgccg 60
 tcggcgcctgg ctgccttact gacttcaccc tgcttcttct tggatttcog ggccccttc 120
 ttgcctcctg cttttttaga tgcaggcttc ttctgggatg gagacttggc ctttttggct 180
 ggggggtggtg tgatgatggc ttccaacttt cctttggatc cccgcttctt cgctagcaac 240
 tcgggggtgga tgttgggtaa cacaccccca ctggctatgg tgactccttt tagcag 296

<210> 1718

<211> 343

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(343)

<223> n = A,T,C or G

<400> 1718

atggcattaa ttgttccttg cttttatagg gtgtattttg tacatttttg atttctttat 60
 ataaggatcat agattcttga gctgtgtggg tttttagtgc acttaatat agcttgctta 120
 aggcatactt ttaatcaagt agaacaaaaa ctattatcac caggatttat acatacagag 180
 attgtagtat ttagtatatg aaatatntg aatacacatc tctgtcagtg tgaaaattca 240
 gcggcagtg gtccatcata ttaaaaaatat acaagctaca gttgtccaga tcaactgaatt 300
 ggaacttttc tctgcatgt gnatatatgt caaattgtca ngc 343

<210> 1719

<211> 193

<212> DNA

<213> Homo sapiens

<400> 1719

tcgaggaccc ccgagatgca gaggatgcta tttatggaag aaatgggttat gattatggcc 60
 agtgtcggct tcgtgtggag ttccccagga cttatggagg tcgggggtggg tggccccgtg 120
 gtgggaggaa tgggcctcct acaagaagat ctgatttcog agttcttgtt tcaggacttc 180
 ctccgtcagg cag 193

<210> 1720

J03050"9296h360

<211> 176
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 1720
 tgattcagaa ttttttttaa tgaaaggatn attgcactaa ccttcttcct gctgctctga 60
 ttctgcattt gtggtacttg tgactacgtt ntttcaaata tagatagatt taagctgcta 120
 attttttttt ttttagtaac cactnctata tcatgtcttt tactctgntn ataata 176

<210> 1721
 <211> 128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 1721
 tattcttang aaacttccct aatcccttgg aaattcccgg gtccttcaag aataaaaaaa 60
 aaagggtcaa gaagaacaaa ttaccaaagg gaaagaatgg ctttcaatat aataaggtcc 120
 atttttta 128

<210> 1722
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 1722
 ttatgaagtt gacaaataaa taaaaggtag tggntatgtc tgagcttatt gtgtttgagc 60
 taacaccagg ttactcagta accatgacct gctcctccat ttccatttat tctcaacatt 120
 aaatagtttt atcttggtgn tgccagaaat gcacttggtc caggattgn ccctgctgta 180
 tgaaaagctt cttggcaatg aattctgtaa taagtgcctt acattatggn tttctggtgg 240
 aattggttta acagnacaa cccaggattt ccaatatatt tttgt 285

<210> 1723
 <211> 536
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(536)

09849626.050301

<223> n = A,T,C or G

<400> 1723

```
cttggcttgc aggtggcacc ttctcactat gtntccacat ggctttttct ctgtggagag 60
ggacannnag catgagcagg ctctggtgtc tcctcttttt ataaagacac taatatcacc 120
atattagggc ttaaacctat gacctcattt aaccttaacc ccttaaaggc cccatctcca 180
aaaacagtca catagcaggc tactgcttca acatatgcat ttgggggagg ggacaccatt 240
cagttcttaa caggggtggc accgcaaaca tggaaagtca gagccttctc cccttcagaa 300
ttcccgcccc caccagggga tggggaagag gagcagagag gtatgggaag cagacacgga 360
gagtggcagg taccatgctg ggggtgggtc aggagtgtt tcgganggac atatggaact 420
ggcaggggtc aatgcangga gggcggaagn ccttgggaag ancccggtggc ctgagaaagg 480
ggctgggcta caaccctngg caagttactt taccnntgac cttcgatgct tttggg 536
```

<210> 1724

<211> 145

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 1724

```
ctgncctttt gnaacaggac cctcacncta tncaatgggg ggttnanntg aagcatganc 60
ntatncatgc ggaaaaccca actcatgtga gcncaaancg gancgaccca gacaaccatg 120
natgcggtcta atatggggag agaaa 145
```

<210> 1725

<211> 173

<212> DNA

<213> Homo sapiens

<400> 1725

```
caattctgga attaccact tgtttaattt tgagcaacat gatctagcat taatgtagtc 60
acattctaaa tcagacaatg taattatgaa gtagaccgag aggaagatga gcgcgcaaca 120
atcgaggaga gagaagacga acaccaccgc ctccatcctc ctctccgctc gcc 173
```

<210> 1726

<211> 302

<212> DNA

<213> Homo sapiens

<400> 1726

```
accggttggg aatggggccat ggtctaattt ggtgttgaaa taaactaacc tctttggctg 60
tttctcccaa actgccacca gccaggcaag gccaatccaa tactgactgc tggctggggg 120
agctcgtaat ggggtgatgc gccctgcttt ttgcatatgt caggctaaca ggtgctttat 180
ttccagagaa ttgttaatgc ctttttttga aaagagcagc agaaattccg gacaagaatc 240
tgaaaaaatag gtgtcaaaaa ctatttccca gaaggtagct gtacaggagt ttgagtctoc 300
ag 302
```

<210> 1727

<211> 274

<212> DNA

09849626-050301

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 1727

```
ttnngttgaa aaaatagatc caatcagttt ataccctagt tagtgttttg cctcacctaa 60
taggctggga gactgaagac tcagcccggg tggggctgca gaaaaatgat tggccccagt 120
ccccttgttt gtcccttcta caggcatgag gaatctggga ggccctgaga cagggattgt 180
gcttcattcc aatctattgc ttcacatgg ccttatgagg caggtgagag atgtttgaat 240
ttttctcttc cttttagtat tcttagttct tcag 274
```

<210> 1728

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1728

```
aatcccttt ctgcttcac tggaggcaaa actgaacaaa atgttagtta aatagagaga 60
gcagcatttc taagaaatct gtggctcagca ttatagacca tctatgctac aaggatgtca 120
ttaaatagga tttgttcaat tactggattc ttcttctatg atcagttata gaatttctgg 180
tttatatctc tgattcataa aactgggact ccactttttg aagatacatc tgattgattt 240
ttttcagtca tgatttaaca gacttctttg agatgctcat tttaacattt acataattta 300
taatcccaa tgtataaaag acaatgaaaa aagcatcata aataaataat gcaaaatgaa 360
atagttagtg cagacttttg gaccttctga taaattagca aaactgtaac agaaa 415
```

<210> 1729

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(309)

<223> n = A,T,C or G

<400> 1729

```
acanaccgta tactttatgc aaacaaagtg atgcctcact gacttaggag acaagtcaca 60
tgccatcagt gtgtcagaaa atttctttct tcagtgatag ttaaggtaac ctgccagct 120
actttccaga gacagctcca gggcaatact ggggaaaaaa aaatcagaga cataggaccc 180
caatagagcc ctgtgcaaca aaaagatgct agataacaaa actcaaagca aaactaagat 240
cattccaatt taggggaaag tttttttatt cagtgtttta gattaaaaac tacaagattt 300
tgcttgacag 309
```

<210> 1730

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(285)

09849626.050301

<223> n = A,T,C or G

<400> 1730

```

anctgtactg tatttatgtt gctattggtc aaaagagatc cactgttgcc cagttggtga 60
agagacttac agatgcagat gccatgaagt acaccattgt ggtgtcggct acggcctcgg 120
atgctgcccc acttcagtac ctggctcctt actctggctg ctccatggga gagtatttta 180
gagacaatgg caaacatgct ttgatcatct atgacgactt atccaaacag gctgttgctt 240
accgtcagat gtctctgttg ctccgccgac cccctggctg tgagg 285

```

<210> 1731

<211> 244

<212> DNA

<213> Homo sapiens

<400> 1731

```

cattaccttg ctaaaatttc cactaagcta cagcttcaga tatttacaag aaaaataaat 60
atcttttaac agacttcaat gtggtttaac agcaagctag ctgaggagtt gtattttgtt 120
gttatttcag gtaacttttt attaagaaac agttaatatt tcagcgatta caatttcagg 180
tgttcaaaac tcaagaaggg tcatcattat actctgaagc agaattcttc aggtactcat 240
cttt 244

```

<210> 1732

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(272)

<223> n = A,T,C or G

<400> 1732

```

ctgggaagnc agttcgttct ctctctctct ctcttcttgt ttgaacatgg tgcggactaa 60
agcanacagt gttccaggca cttacagaaa agtgggtggct gtcgagccc ccagaaagggt 120
gcttggttct tccacctctg ccactaattc gacatcagtt tcatcggagg aaagctgaaa 180
ataaatatgc angagggaac cccgtttgcn tncgccaac tcccaagtgg caaaaaggaa 240
ttggagaatt ctttatgttg tcccctaaag at 272

```

<210> 1733

<211> 388

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 1733

```

anttgggaaga gcatatgaac acgggccagc tagcaggatt ttcacatcaa attagaagtc 60
tgattttgaa taatatcatc aataagaagg agtttgggat tttggcaaag accaaatact 120
ttcaaagtgt gaagatgcat gcgatgaata ccaacaatat cactgagcta gtgaactatt 180
tgggaaatga cttaagttta gatgaagctt cagtcttgat aactgaatat tcaaagcact 240
gcgggaaacc tgtgcctcca gacactgctc cctgtgaaat tctgaagatg tttcttagtg 300

```

F0E050" 92964860

gattatcgta aatcactgaa cctttttttt aagaaggaca agaatttttg agtctgctat 360
 taatgggacc atatttatta cagttttt 388

<210> 1734
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 1734
 tttggaatgt aaaattaatg gtatctggta tcaagttgta agaaaaactc cccagattg 60
 ggaggtaact gagtgatatg tgaaagaatc ttcccgtctg aatttaagaa tacacctaca 120
 ctgggcagaa aaaggtgggg gagaggaagt agaagtagag gaaaagcaca actccactgg 180
 cttcaatcaa actgaggtaa ctaattagag acggaaaata aataaatcaa caaatgcccc 240
 atttttgttt tccaaaaaag atcactggca actaacaatt tt 282

<210> 1735
 <211> 268
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

<400> 1735
 ntaagccagc cttcctcaag aatgccagac agtggacaga gaagcatgca agacagaaac 60
 aaaaggctga tgaggaagag atgcttgata atctaccaga ggctggtgac tccagagtac 120
 acaactcaac acagaaaagg aaggccagtc agctagtagg catagaaaag aaatttcac 180
 ctgatgttta ggggacttgt cctggttcat cttagttaat gtgttctttg ccaaggtgat 240
 ctaagttgcc taccttgaat tttttttt 268

<210> 1736
 <211> 478
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(478)
 <223> n = A,T,C or G

<400> 1736
 tnatagactt ttccaatggc ccccttataa caccagaaag gattgtaatc ttgggcgtat 60
 tttgtgctgg catctttggc agttgtgaag atcttgtaac agagcgtggc gttgctgtac 120
 gtgtcaggaa cacagtgcgg tggctgtaca gtgacgggga acaccccagg gctggccgtg 180
 agggatcatg aggtgtgaa taccacctgc tcacagtgc cgtggagggc gcagtcatct 240
 gagtccacg ctgtaggcag ggtgaagggt atgtttatct cctcgtgggc ttccctgcct 300
 gaaagtccaa tctgatgcc taagatggtt gactacagat ggtgacgtt gcgggaatac 360
 cctccgaagg gtttcagtgg gtccagggtt aggtgattg agactgagat attcaccggg 420
 cccgagtcct ccagggcctg gggggactgg gtggaagctc gggcctgccc gctggtca 478

<210> 1737
 <211> 489

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 1737
ctttnaggat ggcgagtagc agcggctcca aggctgaatt cattgtcggg gggaaatata 60
aactggtacg gaagatcggg tctgggtcct tcggggacat ctatttggcg atcaacatca 120
ccaacggcga ggaagtggca gtgaagctag aatctcagaa ggccaggcat cccagattgc 180
tgtacgagag caagctctat aagattcttc aagggtgggt tggcatcccc cacatacggg 240
ggtatggtca ggaaaaagac tacaatgtac tagtcatgga tcttctggga cctagcctcg 300
aagacctctt caatttctgt tcaagaaggt tcacaatgaa aactgtactt atgttagctg 360
accagatgat cagtagaatt gaatatgtgc atacaaagaa ttttatacac agagacatta 420
aaccagataa cttcctaatt ggtattgggc gtcactgtaa taagttattc cttattgatt 480
ttggtttgg 489

<210> 1738
<211> 262
<212> DNA
<213> Homo sapiens

<400> 1738
gttacagatg acatgtatgc agaacagacg gaaaatccag agaatccatt gagatgtccc 60
atcaagctct atgatttcta cctcttcaaa tgccccaga gtgtgaaagg ccggaatgac 120
acctttttacc tgacacctga gccagtgggt gcccccaca gcccaatctg gtactcagtc 180
cagcctatca gcagagagca gatgggacaa atgctgacac ggatcctggt gataagagaa 240
attcaggagg ccacgcagtg gg 262

<210> 1739
<211> 422
<212> DNA
<213> Homo sapiens

<400> 1739
ccaccatcct tttgagacag ttcctatcaa caatcttgaa ccataactaat acattacttg 60
ttcctgaagt ccttttggtg tagctcataa taaaataagc aatacaaatg aattatctgt 120
atttaagggg aaagaaacat ttacaagaaa acacaaaaat ataactgtta taattcatta 180
tgataaata tacactttga actggctaag tacaatcttt atacattgtt taagatttaa 240
tacagtttat tagccatttt cttttttcac acaatgtata tcaaaattaa aaaaaaatac 300
tgattttatg aaaaatggca aagtacagta gttccattcc aatttgaagg gccatgaaaa 360
gccactgcaa gaccttttag cctaattcaa acctgtaaac atgttcagtc ttttttacct 420
gc 422

<210> 1740
<211> 92
<212> DNA
<213> Homo sapiens

<400> 1740
gctaaatacc tatctaattg gctatgttta tcaaatcgtg tactaaaatg gaaagctagt 60
tttgagaaat tattcagaag ccttgattatt tt 92

094956-05030

<210> 1741
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 1741
 tttcaattct tccaaaaggc tcaaagatcc cacgaagcat atcttcagtt atgttgaagt 60
 gtaatgagcc cacataaagc ctcataaggc cagcacttcc cttttgtaaa ttgtttgcc 120
 ttgctgcagc tctgtttttt tctgcctgtg atgcctgtac tatgattggc acgcctaaaa 180
 ctcgttgg 188

<210> 1742
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 1742
 ttnaaaatac tttcaggctc caccaaaacg tagaactgaa agcatgtatt ttggaagaaa 60
 gagatacatt ttgtatgctt tcttttcctt ttgtagattc ccagtttatt ttctaagact 120
 gcaaagatca ctttgtcacc agccctggga cctgagacca aggggggtgtc ttgtgggcag 180
 tgaggggggtg aggagaggct ggcattgaggc tcagtcattc cagtgcagctc caaagagggg 240
 ccacctgttc tcaaaagcat gttgggggacc aggaggtaaa actgg 285

<210> 1743
 <211> 117
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

<400> 1743
 angatctata gacacttttag gcaaaacagg ctcataaagc aattaaaaaa tcaacaattt 60
 agtaaaaaaca ggctacatag tattttgttt ttacgtttca tttgtctatt gatcttt 117

<210> 1744
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 1744
 aaacaatggg ctaaaaataa acagtattaa aagggttaagt ttatataata catatgtaca 60
 caattagtgg tgttttcttt tcagacaaaa tactgaaaca aatattagtt t 111

<210> 1745
 <211> 305

TOE050" 9296+860

<212> DNA
<213> Homo sapiens

<400> 1745

```
ctgccagtag acccccgggc accctgaggc tgggtgggtccc tgctagtcag tgtgggtctc 60
tcattggaaa aggtggatgc aagatcaagg aaatacgaga gagtacagg gctcagggtcc 120
aggtggcagg ggatatgcta cccaactcaa ctgagcgggc catcactatt gctggcattc 180
cacaatccat cattgagtgt gtcaaacaga tctgcgtggt catgttggag tcccccccg 240
agggcgcgac catcccgtac cggcccaagc cgtccagctc tccggtcatc tttgcagggtg 300
gtcag 305
```

<210> 1746

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1746

```
aaaataagtg aataagcgat atttattatc tgcaagggttt ttttgtgtgt gtttttgttt 60
ttattttcaa tatgcaagtt aggtttaatt tttttatcta atgatcatca tgaaatgaat 120
aagagggctt aagaatttgt ccatttgcat tcggaaaaga atgaccagca aaagggtttac 180
taatacctct ccctttgggg atttaatgtc tgggtgctgcc gcctgagttt caagaattaa 240
agctgcaaga ggactccagg agcaaaaagaa acacaatata gaggggttga gttgttagca 300
atttcattca aaatgccaa 319
```

<210> 1747

<211> 177

<212> DNA

<213> Homo sapiens

<400> 1747

```
aaatcctttt ccataaata aaagtacagt tttcttggtg gcagaatgaa aatcagcaac 60
ttctagcata tagactatat aatcagattg acagcatata gaatatatta tcagacaaga 120
tgaggaggta caaaagttac tattgctcat aatgacttac aggctaaaat tagtttt 177
```

<210> 1748

<211> 237

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(237)

<223> n = A,T,C or G

<400> 1748

```
ctgaaggant gnaantagac tggtnagag aggaaggcac tgagccacat gaaggatatgt 60
acgtagggtt tgttcagtgg aaatagactg gtagagagag gaaggcactg aaccacatga 120
aggtatgtgt gtagggtttg ttcagtggaa atagactggt agagagagga angcattgaa 180
tcacatgaag gtacgtgtgt aggttttgtt cactgacttc ttcantgtct cagccag 237
```

<210> 1749

<211> 244

<212> DNA

<213> Homo sapiens

084956-0501

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 1749
 aaaaggcccc attatctgac aaaatagatg gtgaacatgc actatcccag gatatctatt 60
 attatccaaa gaagtgtttc tcaaagngtg gtccatggta ctgggtccatg aattgggttg 120
 taccagtcaa tgaagagata aattacttgc atcagagtgt aaatcaatac attgcttttag 180
 ctattaataa aattttgcta aaaaatcaaa tctgtgcatt gacctaaaaa gtatctctag 240
 attt 244

<210> 1750
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 1750
 aggccagcct ccaccacgca cggcgaaagg agtgaactag ctggggacaca cacacgtgtg 60
 aatgcatgca agcattcact gcattctctc cgtggactcc ctaccgctct tccatagccc 120
 cccctttcag cctcactgtt tctcgtgtga gcctatctgc ttgggcagtc cactcggggag 180
 ggggtcatgg agccaggact cctctaaat aggaatggaa aggaccctgc agatattttt 240
 atcctanttg tgaaaacaag gtgcctctga ttctctatat ccatcacag 289

<210> 1751
 <211> 594
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 1751
 ctgggttatta atcacaagtc ctggaaatgg tctaattgacc gtgaatttga taaactcggc 60
 agagtctaag atcctttctca tggagctgat ttccaggtag ctgggggctt tgaaggacac 120
 ccccgggggc atgccatcaa ccaccacaca gccagggtta attgtgattt tctgttaggg 180
 aactttcaca ggaaaacca taccaatagc ttacacaaat ttccgactaa agaggtcatt 240
 cacttgttct cttagctgtc tagctttttc aactttcgag agtctttcat tatcatcatc 300
 tggaattgtc acctgaatga tgtaaggtc ttcaacacct gatgcagtag tattaacatt 360
 gggatgatgaa tttattttttc tgggagggtc cttagaggag gtgctctcct taatcgccgt 420
 ctcaaacatt tcgggctttt taatgatgaa ctttaattttg gctttgtttc tgagtatctt 480
 ctccagcctc ggaatgccaa aagtcgatgg tcttcggaat ggcacaccct caggtaagcc 540
 ttccacataa aagtcttncg ggaaagactc aaataacgcg aacggcacct tcac 594

<210> 1752
 <211> 311

09849626-050301

<212> DNA
<213> Homo sapiens

<400> 1752

```
ctgaaggttt catggctccc aaggcttggg ccgtgctgac agaatactac aaatccttgg 60
agaaagctta ggctgttaac ccagtcactc cacctttgac acattactag taacaagagg 120
ggaccacata gtctctgttg gcatttcttt gtggtgtctg tctggacatg cttcctaaaa 180
acagaccatt ttccttaact tgcatacagt ttggtctgcc ttatgagttc tgttttgaac 240
aagtgttaaca cactgatggg tttaatgtat .ctttccact tattatagtt atattcctac 300
aatacaattt t                                     311
```

<210> 1753

<211> 587

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 1753

```
ctgtccatta tacaccgtca cgttgatccc tgcctccagc aactcgtcca caatgctaata 60
gactggcttc atgaagtcct cctccatggt cacaagagcg ttggtagcct ggccctccca 120
ggattgatcc tcaggaataa ttttgagctt ctttctgatg gggccattca tgagctggct 180
taaggcatct cgttgtaggt gtctcacgtg gcgctgacaa agacaaacta ggtggctctg 240
tgtgaattct agactcgact ccattgtaga cgtgggagtg cttttagtta agatgttata 300
gaagttcacc ccatctgtgt tctgttcaat gatcatttct gctttccccc acagctctgt 360
ggcctctctg tagagcccct tatttaaggc attcagtact tgctctgcaa ccttagacac 420
ctctgccaga cctttgtctt cgagaagaga catgctgtac aggtaaggct cccaggagag 480
caccgaatca acaggggaga tccaggaatc acccaaggca acccccgcaa agttgcactt 540
gatggtcctt cncatgaatgg ncttataaag ctctagacca atgccag                    587
```

<210> 1754

<211> 564

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

<400> 1754

```
cctctctcct tggcttgcag gtggcacctt ctactatgt cctcacatgg ccttttctct 60
gtggagaggg acagagagca tgagcaggct ctggtgtctc ctcttcttat aaagacacta 120
atatcaccat attagggctt aaacctatga cctcatttaa ccttaacccc ttaaagggtcc 180
catctccaaa aacagtcaca tagcaggcta ctgcttcaac atatgcattt gggggagggg 240
acaccattca gttcttaaca gggtggtcac cgcaaactg gaaagtcaga gccttctccc 300
cttcagaatt cccgccccca cccagggatg gggaagagga gcagagaggt atgggaagca 360
gacacggaga gtggcaggta ccatgctggg gtggctcagg agtgcttcng aggacatatg 420
gaactggcag ggctcagtgc agggaggcgg aggcctggg agagccgtgt cctgagaagg 480
gcctgggcta caacctggg caagttactt cacctctgag cctccgatgc tctgtgaaat 540
ggaaggaatg tgcttgctg tcag                                     564
```

090906-050301

<210> 1755
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 1755
 aaatgtgatg ttttgagcat caaaaagcta ctatctaaaa ggattagtct cccagtgttc 60
 ttggtaaatg gggaagggtta ggaaggaggc aatgatccaa tgaatataga agaactggcc 120
 gattcacagg aaacttgctt tggataaggt gagtcaatgg gtgatattgt gcaggcaggg 180
 agggaaattt ctttgtacaa attcatgtcc ctgg 214

<210> 1756
 <211> 225
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 1756
 aaaattanna catacatggt caggcagctt ctgtccatan ntaaaactatt ccttttcagt 60
 ctgagtaata tgcggnnttg tcttaatnnc ncacattaan aatttattta gattgggtgaa 120
 actatcttta taacaaaaaa atncgaacat gaatgcaaac ttaccaaaca gagcccacta 180
 nattgatnaa gttaatncca nnatagtttg ccatganctg ggtgg 225

<210> 1757
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 1757
 ttgcagcctg cgatgacaca gcgaatctat gacaagttta tagctcagtt gcagacatct 60
 atccgggagg aaatctctga catcaaagag gaggggaacc tagaagctgt cttgaatgcc 120
 ttggataaaa ttgtggaaga aggcgaagtc cgcaaagagc cagcctggcg cccagcgagg 180
 atcccagaga aggatctgca cagtgttatg gcaccctact tcctgcagca acgggacacc 240
 ctgcggcgcc atgtgcagaa acaggaggcc gagaaccagc ag 282

<210> 1758
 <211> 473
 <212> DNA
 <213> Homo sapiens

<400> 1758
 ctgaaacagc ttttcaagct ctctctcctc gtcaaggatc atgagaggca ctccactcaa 60
 ggggaggtgc gcaatctggt gctcttcagg caggtcaaaa ctctcaaagt ctagaggatt 120
 gaagggaag aatttttcta tttctggata ggcacatct gaggcaggaa cagagctttt 180
 tgctttaaca gtcttctcag tcatctttt ggcaaaaag cttggctgtt tttgtttgag 240
 gggctccctg gtctttacag acttttctgt agctctgttg acagttccca aagcctttct 300
 agtagcttta ggtaaggctg gtggggcatc gaacgttttg ccaaaacgtg gtgttgaaac 360
 ttgagatctc ccatctaagg ctttgattga aggtccagac cccagcttca gcccatcctt 420
 agcaaccaca cgggtgcctg gttctccatt ttccttatcg acatagatca gag 473

0984926-050301

<210> 1759
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 1759
 aaacttcgcc atgatcgtgt cttctgcact catgatatgg aaaggcttga tctgtgctcac 60
 aggcagttag agcccatcgc tgggtggtgct gagtggcagt atggagccgg cctttcacag 120
 aggagacctc ctgttcctca caaatctccg ggaagaccca atcagagctg gtgaaatagt 180
 tgtttttt 187

<210> 1760
 <211> 564
 <212> DNA
 <213> Homo sapiens

<400> 1760
 cctctctcct tggcttgtag gtggcacctt ctactatgt cctcacacgg ccttttctct 60
 gtggagaggg acagagagca tgagcaggct ctggtgtctc ctcttcttat aaagacacta 120
 atatcaccat attagggctt aaacctatga cctcatctta ccttaacccc ttaaagggtcc 180
 catctccaaa aacagtcaca tagcaggcta ctgcttcaac atatgcattt gggggagggg 240
 acaccattca gttcttaaca ggggtgtcac cgcaaactat gaaagtcaga gccttctccc 300
 cttcagaatt cccgccccca cccagggatg ggggaagagga gcagagaggt atgggaagca 360
 gacacggaga gtggcaggtg ccatgctggg gtggctcagg agtgcttcgg aggacatatg 420
 gaactggcag ggctcagtgc agggaggcgg aggccctggg agagccgtgt cctgagaagg 480
 gcctgggcta caaccctggg caagttactt cacctctgag cctccgatgc tctgtgaaat 540
 ggaaggaatg tgcttgcttg tcag 564

<210> 1761
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 1761
 ctgtcttctc atctatctta gcataggagt cctctgctgc cttttcaata ccgtcgtggg 60
 atttctccaa agcagttttc aagtttagaa atatttctcg ggacttcagt ttctcccttt 120
 cagcagcatc ttttagttgt tgaattccaa gtttaatttt ttggatttct tgattaattg 180
 tggttactcg ttcatagaca gcacctcttt tttcttgaac tttattgcaa tcctcaatta 240
 ctgtgcgttt gtattgctta acatcttcat gcttcttatt tattttgaat tgtgctgtgg 300
 caagtttttc cttcttcaca atcatcagtc ttttgaacga attttcttca gtcttcaatt 360
 tcttcagttc tgactcatca ctctcaattt ggtcctccaa gttcaggctt ctg 413

<210> 1762
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 1762
 ggaaaagaaa gagctgaaaa tgcagaaaagc cgaagagtta gaacttttgg atacaggaga 60
 agaaacagcg gctccactac agaccagacc ccagggttcaa tgtcctccga agaataaggt 120
 ctttccctgg tgatgggtccc ctgccctgtc tttccagcat ccaactctccc ttgtcctcct 180
 gggggcatat ctgagtcagg cagcggcttc ctgatgatgg tctgtggggg ggttgtcatg 240
 tgatgggtcc cctccaggtt actaaagggt gcatgtcccc tgcttgaaca ctgaagggca 300

0949364860
 105050

315

```
<210> 1763
<211> 114
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G
```

<400> 1763
cgaccgccta agagtngcgc tgtaagaagc aacaacctct cctcttcgtc tccgccatca 60
gctcggcagt cgcgaagcag caaccatgcg tgagtgcac tccatccacg ttgg 114

```
<210> 1764
<211> 114
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G
```

```
<400> 1764
ctaatacgac tcaactatacg gctcnagcgg cntccgngc cgggggctgc tngggttaga 60
tngacatgaa naccctacag ntncactgt ggnaattgaa antatccctc atgt 114
```

```
<210> 1765
<211> 485
<212> DNA
<213> Homo sapiens
```

<400>	1765						
aaacagtaac	aaaacagaaa	gcaagaatca	ctgaacactg	ggtgcagtca	gttctaagtc	60	
cttataataa	ttgccaaaat	tattttgaatg	attcttcaag	attagcgtga	tccctggcta	120	
aggtctgtgt	aaggcagaca	agcgtttattg	atcatatcaa	gttccttaca	atatactgtc	180	
ctcaaaaaccg	gaagcaatga	acatgatcct	cttcggttgg	ataaatgaac	ttcctgtttg	240	
gcctgcttct	aggccctgcc	agattctcat	aacatcatat	acgtaagtat	agttcctcaa	300	
agtgactgac	at ttat tttta	at ttttgcttt	gt ttttttttt	at ttttctccc	ccatttccttt	360	
at ttttggtt	at ttcctgact	cacttgacac	tctctgatgc	ctgagagatt	cctgtttggg	420	
at ttaatatc	cagggctgtg	tttacagtaa	aaaaagcagg	cagtcccttt	tagtttttcc	480	
ttttt						485	

```
<210> 1766
<211> 389
<212> DNA
<213> Homo sapiens
```

<400> 1766
 aaaaacaaag tcttcaactt ggggtgttgag attggcaaaa gggaagcaa gggaaaagcc 60
 aaggaaagat aaaatattca gaagaaagtc aaagttatct gcaattacat gttagaacag 120

atTTTgcagg tTaaaaagat gTtgctTaaa tatattcata aacctgtTgt aagattttca 180
 cttatgcagt ttcagaaaaat ttagctgctt aacatatgac agaactgtat tttTaaaaat 240
 gacattaaaa gtcaggagag ctactcagtt aattgataaa gtagaggcaa cgtgggggag 300
 ccctccccac gtttattgaa gatttgTggc tccccagcc ccgtttgcct gcatcaggct 360
 aacaacctca ttcctcccat agagcctgg 389

<210> 1767

<211> 176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(176)

<223> n = A,T,C or G

<400> 1767

TTTTtcaacg attaanaatn ntcattacat aactnggtga aactgaaaaa gtatatcata 60
 Tgggtacaca aggctatttg ccagcgata ttaatatTTT agaaaatatt cttttgtna 120
 tactnaatat cancatagag cnagaatcat attatcatac ttatnatant gttcan 176

<210> 1768

<211> 384

<212> DNA

<213> Homo sapiens

<400> 1768

aaaagaaatc atggtacttc ttagagcaat ttgcaaaagg ggaaaaaagt cttaggctca 60
 ctccTtgga ataaatatca agtaaccata aaaatattca gccatttttc agttattcgg 120
 ggagttcagg catggtccca cgcagagcat cagagttcct ctttgaaata acccagcttt 180
 gccaatgaca tctcttttct caactgcata acctcccaa acatctgatc aacatcctgc 240
 Tgtttcaca gtccctgctg aatgtatcga atgtatgtaa aaaagttaca tacagaagtg 300
 atcctgtatc tgcaaaaagg agaaatacaa taatagttgc ttgagTcccc taatttaatt 360
 ctgtgtttac aggacttact ctgg 384

<210> 1769

<211> 111

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 1769

aaatataaaa aattaaaagt taaaactcta gcccttcagt gaaggagacg taaaatggcg 60
 Tgggtaacaa caactaccaa aaaaaaaaaa naaaaaaaaa aaaaaaaaaa a 111

<210> 1770

<211> 225

<212> DNA

<213> Homo sapiens

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<400> 1770

```
ctggctgaag gggccgtgga gctcccgcga gccacgatt agctgggcct tcttcggggc 60
aatgcgctga agactgcgga gatctcgggc tgagccttcg ttcagcagat ccagtatttt 120
ttggcgccca tgagccagta gctccgggct gatctgtagc tcccagcagt cctcagcctt 180
ctcctcaggc tctagggcat ccagggactc cagctttctc ttccg 225
```

<210> 1771

<211> 223

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(223)

<223> n = A,T,C or G

<400> 1771

```
ggccaagtaa aagctttatt tttttaaatg aaaactacna aaggcgggggt gggttgtggc 60
gggggcaagt tgtggccctg taggacctc ggtgactgat gatctaagtt tccggagggt 120
tctcagagcc tctctggttc tttcaatcgg ggatgtctga gggaccttc gcggcatcta 180
tgcgggcatg gttactgcct ctggtgcccc ccgcagccgc gcg 223
```

<210> 1772

<211> 419

<212> DNA

<213> Homo sapiens

<400> 1772

```
ccaagtctac aatgtcccaa tatcaaggac aaccacccta gcttcttagt gaagacaatg 60
tacagttatc cattagatca agactacacg gtctatgagc aataatgtga tttctggaca 120
ttgcccatgt ataatcctca ctgatgattt caagctaaag caaaccacct tatacagaga 180
tctagaatct ctttatgttc tccagaggaa ggtggaagaa accatgggca ggagtaggaa 240
ttgagtgata aacaattggg ctaatgaaga aaacttctct tattgttcag ttcattccaga 300
ttataacttc aatgggacac tttagaccat tagacaattg aacttgatt aaacaaattc 360
acataatgcc aaatacacaa tgtatttata gcaacgtata atttgcaaag atggacttt 419
```

<210> 1773

<211> 172

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(172)

<223> n = A,T,C or G

<400> 1773

```
cgngcggtcg cgggggggcac cagaggcagt ataccatgcc cncatagatg ccgcggaagg 60
tccctnanac atccccnatt gaaanaacca ttagaggctc tganaaacct acggaaactt 120
agatcatcag gtcaccgaan agtctacag ggccacaaca tgccccctgc ac 172
```

<210> 1774

<211> 525

<212> DNA

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<213> Homo sapiens

<400> 1774

```
ccttcaactct cccctgagge tgtcctggcc cggactgtgg ggagcacctc cccccccgg 60
agcagggtgca caccaggtta agcagggtcca ggggctgggg tgggcagggc tagcttttgg 120
atcctgagtg tcaactactct ctccctcccag ggatgccctg gacctaaagt acatcaactc 180
agagcctcct cggggctcct tccctcctt tgagcctcgg aacctcctca gcctgtttga 240
ggacacccta gacccaacct gagccccaga ctctgcctct gcacttttaa ccttttatcc 300
tgtgtctctc ccgtcgccct tgaaagctgg gggccctcgg gaactcccat ggtcttctct 360
gcctggcgt gtctaataaa aagtatttga accttgggag caccaagct tgctcatgtg 420
gcaacatggc ctttctgtgt ccctttattg atgtcatcca gggctttaac gcccctgagg 480
ctgagccctg ctgcagaacc cacgctcctg gccttggggc agcag 525
```

<210> 1775

<211> 458

<212> DNA

<213> Homo sapiens

<400> 1775

```
aaattttcta gtcaaattaa taagcctttg tattatatgc catcctcctt tggaatgata 60
gcggtataat taaaatagaa catttttaac acagaatact tattggtgaa gtggtctctt 120
atgtagtctt cttttgacga gaacgttgag attttogaac ttccagaact ttcttttttt 180
gatgtttttt cccattcttt tgctttttct tttggctgac ctgtttctcc cactttttta 240
tcagttcctt cacatctgct gaatctgggt ttagacatgt ttgaactcca ttcttcagt 300
tagcaatgat ttcaattttc tcgcaggaag ggcttggggc aaattgttta aggtctttca 360
aggattgtag gtggatagtc ccttggttgg tgctgatgca ggaacagcga ccctttctca 420
ctactggggg tccttgcaact ccaatcagaa ccagcaag 458
```

<210> 1776

<211> 461

<212> DNA

<213> Homo sapiens

<400> 1776

```
aaagtttcac ttccctagca aaatatcttc agtcaagaaa ttagtctttg aaaattatga 60
aaattgttgt gggaaatatt tatacaaatt attactgata atgcacatat attttgaac 120
attgtttcta gaagcaataa aatataacct atttaggaga taacccaaat gatttgtaa 180
aaaattaaact tgtagaaaag ggaaggatgt tgtgtaaaat caagtcaatt atttgagggt 240
tttataatat tgagtactta tgtactaagt cacaccagc cagtcaataa ctgagaaatc 300
aaaataaaat aataatttca aagaattaca taaatacagg gccttttgag atttttggca 360
attgtaaaca aaaacgaatg gtttttaca ttcagtgtaa ttctacgaat atttatttgg 420
cacccatggt aggcactgag gctacacagc agtgaaatag g 461
```

<210> 1777

<211> 368

<212> DNA

<213> Homo sapiens

<400> 1777

```
ccaagttctg ctggaggagc actcaagtgt gacgagcagg gccactggac cctgcagggc 60
tgtggtgtat atagtgcagc tttggagggt gaactctatt ttcacacttt tctatggagc 120
cttccgagtc ccaggttttc acttgaggct gtctgtctgg atggcggttt tcagacctcc 180
attaacatcc ctaccagca ttctgtactt cgggggcctt ctctctgttt ataaaacttt 240
ttaccaagtg aaacatcgat accacctttg tttccattct cactggtgta aatactgagt 300
```

05849364B60

actaactgag aattttgact ttgcattctg tcggaatact tgtgttcaat aaaaattgaa 360
agaaaaaa 368

<210> 1778
<211> 554
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(554)
<223> n = A,T,C or G

<400> 1778
cagttatgcg aaaacatggc tgcggccggt ttggcccttc tttgtaggag agtttcatcc 60
gccctgaaat cttcccgatc gtttaataact cctcaggtcc ctgcctgcac aggggtttttt 120
cttagtttgt tgcctaagag tacaccaaata gtgacatcct ttcaccaata tagattactt 180
cataccacat tgtcaaggaa aggactagaa naattttttg atgacccaaa aaactggggg 240
caagaaaaag taaaatctgg agcagcatgg acctgtcagc aactaaggaa caaaagtaat 300
gaagatttac acaaaactttg gtatgtctta ctgaaagaaa gaaacatgct tctaacccta 360
gagcaggagg ccaagcggca gagattgcca atgccaaagtc cagagcgggt agatanggt 420
gtagattcca tggatgcatt agataaagtg gtccaggga agagaagatg ccctaaggct 480
tcttcagact ggtcaagana gagctagacc tgggtgctntg gagaaagaag acatctttgg 540
aaagaatcat ctgg 554

<210> 1779
<211> 379
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 1779
gtcttggtcg ggcatgacaa ccgcgtcagc tgcctgggag tnactgacga tggcatggct 60
gtggcgacag ggtcctggga tagcttcctc aagatctgga actaacgcca gtagcatgtg 120
gatgccatgg agactggaag accattccaa cttggacgag ttaccatgag agcatatcct 180
atccaaccgt actaacgtgg acaccctaca cctccctca gaacttcaaa agggcaagat 240
cttttttcct tcaacttattg ctgagaccaa gagcacaatt cccattgaga gaaagatctc 300
tgtgctgtaa actaaaacaa attgtgcatt ccttcgggg ccacgtctt tgtcttcttt 360
tttgccttga atgaattnt 379

<210> 1780
<211> 222
<212> DNA
<213> Homo sapiens

<400> 1780
ctggtaattg cagaatccac tttgcctgtg taagtgaata atatagactg ttatcttgtt 60
ggccctatga aattctgcac ttttcattat atactctacc ttcattaatt acttctggca 120
agatgttctg ccttagcact cagttgcatt cttttccttt ttcttcctgt tcattatgct 180
ttaattctga ggaccatat agggtagaat atattatctt tt 222

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```
<400> 1784
agcccaatgt tctgtttggt atagactatg tgatacctaa aacaggggtt tactgtaagc 60
tgtgttcact cttttataca aatgaagaag ttgcaaagaa tactcattgc agcagccttc 120
ctcattatca gaaattaaag aaattttctga ataaattggc agaagaacgc agacagaaga 180
aggaaactta agatgtgcaa ggagatttaa tgatttcaaa gaaaataatg gttctttgtt 240
tttaatgtta acctttttt                                     259
```

<400> 1788
ccttgaaaat ccgcctgcaa gcctaccaca ctcaaacac ccactcata gagtactaca 60

ggaaacgggg gatccactcc gccatcgatg catcccagac ccccgatgtc gtgttcgcaa 120
gcacccatgc agccttctcc aaagccacat cctagtatca gaaggccagg cgagactgca 180
acactgctca tcaccccgcg gcgtgatccc tgctcttagg tgctgggcag aggggaaggg 240
tggtcagggt gaggatggtg agggagggct ggtgagggc tcagaggaat acttgaaca 300
acagcagtgt tattgtagtg tggcagtttc ttttatacat aggtgagagt tttt 354

<210> 1789
<211> 651
<212> DNA
<213> Homo sapiens

<400> 1789
taaagggttt cttgcttttt tgaatacaaa acatgatcta ttgtaataaa aaggtaagac 60
attgatttta caaaattata tttccaaata cagataaaaa aatcttgaac agttaattca 120
gattttattg atctaaaatg tgcaaaatat ctgataatac ttaagtttat taaattcatt 180
gtacataggc tgatatcatc ccatacaaaa aaatgctcag tatcttgta agattcaaaa 240
tagtgtttaa ttatctgagc ttaagattta ttgaactact atccaaataa caacaaaagt 300
ccatattgta aaagaaaaaa gtaaaaactaa aaattttctg attattaatt gacttgaaat 360
tcattcccat taaaacataa aactatagcc aatatccatt tgaaaagtga agaaaaactg 420
gaagtcccca tgataaatac accaattcca aataaaaaat taaaatcaaa ttttgctatt 480
caaaacacac atgatctttt aagttattca gggttaatatg atttactaag gatagagttc 540
atagagcatg tatttggtac ttctgttttag actcagggtt tgcaaagtcc ccaagagaag 600
gtgagaaggt aaaataaaca taaaattggg atccttctct cccaccacac c 651

<210> 1790
<211> 388
<212> DNA
<213> Homo sapiens

<400> 1790
aatcatgtt taacacagtg tacacaagtc agtccaacag ttagtgtaa ttactaataa 60
tatatgaaaa ccctgccaac acaattgctg ctacatcacc aatataatta ttaaccactg 120
tcggaaaaac acacataaat tcaggtaaga ctaaaagctg tctcacaaaa agaaaaaaga 180
aatccaatgg atccactaat gctatcaaaa gggacatgca ggaatgtaac atgacatttt 240
tagaaatgtg tgtttctaaa aagaaaaaaa aatacactaa aatgccagtg gactataatt 300
cattcaaaac atcttttagtg ttcttccca aagatcttga tctgctcagt aattgcttca 360
caagatctat cacagccatc ttttgtag 388

<210> 1791
<211> 2442
<212> DNA
<213> Homo sapiens

<400> 1791
cgggagcttg aaggacacaa gaatgggagg aaaggcggac tctcaggaac ttcattcttc 60
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<212> DNA

<213> Homo sapiens

<400> 1792

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<210> 1793

<211> 1904

<212> DNA

<213> Homo sapiens

<400> 1793

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<211> 2881

<212> DNA

<213> Homo sapiens

<400> 1794

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<212> DNA
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<212> DNA
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 <213> Homo sapiens

<400> 1808
 Met Ser Val Phe Val Leu Phe Pro Asp Phe Phe Lys Val Gly Lys Thr
 5 10 15

Thr Tyr Phe Tyr Leu Asp Glu Gly Ser Gly Arg Val Glu Gln Lys Gln
 20 25 30

Ala Ile Thr Ala Ile Ser Ser Ser Phe Thr Gly Asp Cys Pro Leu Ile
 35 40 45

Ala Asn Val Glu
 50

<210> 1809
 <211> 592
 <212> PRT
 <213> Homo sapiens

<400> 1809
 Met Ala Ser Glu Ile His Met Thr Gly Pro Met Cys Leu Ile Glu Asn
 5 10 15

Thr Asn Gly Arg Leu Met Ala Asn Pro Glu Ala Leu Lys Ile Leu Ser
 20 25 30

Ala Ile Thr Gln Pro Met Val Val Val Ala Ile Val Gly Leu Tyr Arg
 35 40 45

Thr Gly Lys Ser Tyr Leu Met Asn Lys Leu Ala Gly Lys Lys Lys Gly
 50 55 60

Phe Ser Leu Gly Ser Thr Val Gln Ser His Thr Lys Gly Ile Trp Met
 65 70 75 80

Trp Cys Val Pro His Pro Lys Lys Pro Gly His Ile Leu Val Leu Leu
 85 90 95

Asp Thr Glu Gly Leu Gly Asp Val Glu Lys Gly Asp Asn Gln Asn Asp
 100 105 110

Ser Trp Ile Phe Ala Leu Ala Val Leu Leu Ser Ser Thr Phe Val Tyr

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115	120	125
Asn Ser Ile Gly Thr Ile	Asn Gln Gln Ala Met	Asp Gln Leu Tyr Tyr
130	135	140
Val Thr Glu Leu Thr His	Arg Ile Arg Ser Lys	Ser Ser Pro Asp Glu
145	150	155
		160
Asn Glu Asn Glu Val Glu	Asp Ser Ala Asp Phe	Val Ser Phe Phe Pro
165	170	175
Asp Phe Val Trp Thr Leu	Arg Asp Phe Ser Leu	Asp Leu Glu Ala Asp
180	185	190
Gly Gln Pro Leu Thr Pro	Asp Glu Tyr Leu Thr	Tyr Ser Leu Lys Leu
195	200	205
Lys Lys Gly Thr Ser Gln	Lys Asp Glu Thr Phe	Asn Leu Pro Arg Leu
210	215	220
Cys Ile Arg Lys Phe Phe	Pro Lys Lys Lys Cys	Phe Val Phe Asp Arg
225	230	235
		240
Pro Val His Arg Arg Lys	Leu Ala Gln Leu Glu	Lys Leu Gln Asp Glu
245	250	255
Glu Leu Asp Pro Glu Phe	Val Gln Gln Val Ala	Asp Phe Cys Ser Tyr
260	265	270
Ile Phe Ser Asn Ser Lys	Thr Lys Thr Leu Ser	Gly Gly Ile Gln Val
275	280	285
Asn Gly Pro Arg Leu Glu	Ser Leu Val Leu Thr	Tyr Val Asn Ala Ile
290	295	300
Ser Ser Gly Asp Leu Pro	Cys Met Glu Asn Ala	Val Leu Ala Leu Ala
305	310	315
		320
Gln Ile Glu Asn Ser Ala	Ala Val Gln Lys Ala	Ile Ala His Tyr Glu
325	330	335
Gln Gln Met Gly Gln Lys	Val Gln Leu Pro Thr	Glu Ser Leu Gln Glu
340	345	350
Leu Leu Asp Leu His Arg	Asp Ser Glu Arg Glu	Ala Ile Glu Val Phe
355	360	365
Ile Arg Ser Ser Phe Lys	Asp Val Asp His Leu	Phe Gln Lys Glu Leu
370	375	380
Ala Ala Gln Leu Glu Lys	Lys Arg Asp Asp Phe	Cys Lys Gln Asn Gln
385	390	395
		400
Glu Ala Ser Ser Asp Arg	Cys Ser Gly Leu Leu	Gln Val Ile Phe Ser

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405 410 415
 Pro Leu Glu Glu Glu Val Lys Ala Gly Ile Tyr Ser Lys Pro Gly Gly
 420 425 430
 Tyr Arg Leu Phe Val Gln Lys Leu Gln Asp Leu Lys Lys Lys Tyr Tyr
 435 440 445
 Glu Glu Pro Arg Lys Gly Ile Gln Ala Glu Glu Ile Leu Gln Thr Tyr
 450 455 460
 Leu Lys Ser Lys Glu Ser Met Thr Asp Ala Ile Leu Gln Thr Asp Gln
 465 470 475 480
 Thr Leu Thr Glu Lys Glu Lys Glu Ile Glu Val Glu Arg Val Lys Ala
 485 490 495
 Glu Ser Ala Gln Ala Ser Ala Lys Met Leu Gln Glu Met Gln Arg Lys
 500 505 510
 Asn Glu Gln Met Met Glu Gln Lys Glu Arg Ser Tyr Gln Glu His Leu
 515 520 525
 Lys Gln Leu Thr Glu Lys Met Glu Asn Asp Arg Val Gln Leu Leu Lys
 530 535 540
 Glu Gln Glu Arg Thr Leu Ala Leu Lys Leu Gln Glu Gln Glu Gln Leu
 545 550 555 560
 Leu Lys Glu Gly Phe Gln Lys Glu Ser Arg Ile Met Lys Asn Glu Ile
 565 570 575
 Gln Asp Leu Gln Thr Lys Met Arg Arg Arg Lys Ala Cys Thr Ile Ser
 580 585 590

<210> 1810

<211> 57

<212> PRT

<213> Homo sapiens

<400> 1810

Cys Phe Lys Ala Ser Gly Gln Ser Ser Ile Ser Phe Lys Thr Leu Phe
 5 10 15

Phe Leu Lys Ala Tyr Ser Val Trp Leu Ile Leu Leu Pro Phe Leu Gln
 20 25 30

Asp Gly Gly Arg Arg Val Asp Thr Gly Gly Arg Leu Arg Asp Thr Val
 35 40 45

Thr Leu Arg Ser Leu Gln Ile Glu Val
 50 55

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<210> 1811
 <211> 148
 <212> PRT
 <213> Homo sapiens

<400> 1811
 Met Arg Gly Ser Glu Leu Pro Leu Val Leu Leu Ala Leu Val Leu Cys
 5 10 15
 Leu Ala Pro Arg Gly Arg Ala Val Pro Leu Pro Ala Gly Gly Gly Thr
 20 25 30
 Val Leu Thr Lys Met Tyr Pro Arg Gly Asn His Trp Ala Val Gly His
 35 40 45
 Leu Met Gly Lys Lys Ser Thr Gly Glu Ser Ser Ser Val Ser Glu Arg
 50 55 60
 Gly Ser Leu Lys Gln Gln Leu Arg Glu Tyr Ile Arg Trp Glu Glu Ala
 65 70 75 80
 Ala Arg Asn Leu Leu Gly Leu Ile Glu Ala Lys Glu Asn Arg Asn His
 85 90 95
 Gln Pro Pro Gln Pro Lys Ala Leu Gly Asn Gln Gln Pro Ser Trp Asp
 100 105 110
 Ser Glu Asp Ser Ser Asn Phe Lys Asp Val Gly Ser Lys Gly Lys Val
 115 120 125
 Gly Arg Leu Ser Ala Pro Gly Ser Gln Arg Glu Gly Arg Asn Pro Gln
 130 135 140
 Leu Asn Gln Gln
 145

<210> 1812
 <211> 474
 <212> PRT
 <213> Homo sapiens

<400> 1812
 Met Val Gln Gln Thr Asn Asn Ala Glu Asn Thr Glu Ala Leu Leu Ala
 5 10 15
 Gly Glu Ser Ser Asp Ser Gly Ala Gly Leu Glu Leu Gly Ile Ala Ser
 20 25 30
 Ser Pro Thr Pro Gly Ser Thr Ala Ser Thr Gly Gly Lys Ala Asp Asp
 35 40 45
 Pro Ser Trp Cys Lys Thr Pro Ser Gly His Ile Lys Arg Pro Met Asn

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50 55 60
 Ala Phe Met Val Trp Ser Gln Ile Glu Arg Arg Lys Ile Met Glu Gln
 65 70 75 80
 Ser Pro Asp Met His Asn Ala Glu Ile Ser Lys Arg Leu Gly Lys Arg
 85 90 95
 Trp Lys Leu Leu Lys Asp Ser Asp Lys Ile Pro Phe Ile Arg Glu Ala
 100 105 110
 Glu Arg Leu Arg Leu Lys His Met Ala Asp Tyr Pro Asp Tyr Lys Tyr
 115 120 125
 Arg Pro Arg Lys Lys Val Lys Ser Gly Asn Ala Asn Ser Ser Ser Ser
 130 135 140
 Ala Ala Ala Ser Ser Lys Pro Gly Glu Lys Gly Asp Lys Val Gly Gly
 145 150 155 160
 Ser Gly Gly Gly Gly His Gly Gly Gly Gly Gly Gly Gly Ser Ser Asn
 165 170 175
 Ala Gly Gly Gly Gly Gly Gly Ala Ser Gly Gly Gly Ala Asn Ser Lys
 180 185 190
 Pro Ala Gln Lys Lys Ser Cys Gly Ser Lys Val Ala Gly Gly Ala Gly
 195 200 205
 Gly Gly Val Ser Lys Pro His Ala Lys Leu Ile Leu Ala Gly Gly Gly
 210 215 220
 Gly Gly Gly Lys Ala Ala Ala Ala Ala Ala Ser Phe Ala Ala Glu
 225 230 235 240
 Gln Ala Gly Ala Ala Ala Leu Leu Pro Leu Gly Ala Ala Ala Asp His
 245 250 255
 His Ser Leu Tyr Lys Ala Arg Thr Pro Ser Ala Ser Ala Ser Ala Ser
 260 265 270
 Ser Ala Ala Ser Ala Ser Ala Ala Leu Ala Ala Pro Gly Lys His Leu
 275 280 285
 Ala Glu Lys Lys Val Lys Arg Val Tyr Leu Phe Gly Gly Leu Gly Thr
 290 295 300
 Ser Ser Ser Pro Val Gly Gly Val Gly Ala Gly Ala Asp Pro Ser Asp
 305 310 315 320
 Pro Leu Gly Leu Tyr Glu Glu Glu Gly Ala Gly Cys Ser Pro Asp Ala
 325 330 335
 Pro Ser Leu Ser Gly Arg Ser Ser Ala Ala Ser Ser Pro Ala Ala Gly

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340 345 350
 Arg Ser Pro Ala Asp His Arg Gly Tyr Ala Ser Leu Arg Ala Ala Ser
 355 360 365
 Pro Ala Pro Ser Ser Ala Pro Ser His Ala Ser Ser Ser Ala Ser Ser
 370 375 380
 His Ser Ser Ser Ser Ser Ser Ser Gly Ser Ser Ser Ser Asp Asp Glu
 385 390 395 400
 Phe Glu Asp Asp Leu Leu Asp Leu Asn Pro Ser Ser Asn Phe Glu Ser
 405 410 415
 Met Ser Leu Gly Ser Phe Ser Ser Ser Ser Ala Leu Asp Arg Asp Leu
 420 425 430
 Asp Phe Asn Phe Glu Pro Gly Ser Gly Ser His Phe Glu Phe Pro Asp
 435 440 445
 Tyr Cys Thr Pro Glu Val Ser Glu Met Ile Ser Gly Asp Trp Leu Glu
 450 455 460
 Ser Ser Ile Ser Asn Leu Val Phe Thr Tyr
 465 470
 <210> 1813
 <211> 238
 <212> PRT
 <213> Homo sapiens
 <400> 1813
 Met Glu Ser Ser Ala Lys Met Glu Ser Gly Gly Ala Gly Gln Gln Pro
 5 10 15
 Gln Pro Gln Pro Gln Gln Pro Phe Leu Pro Pro Ala Ala Cys Phe Phe
 20 25 30
 Ala Thr Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Gln
 35 40 45
 Ser Ala Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
 50 55 60
 Ala Pro Gln Leu Arg Pro Ala Ala Asp Gly Gln Pro Ser Gly Gly Gly
 65 70 75 80
 His Lys Ser Ala Pro Lys Gln Val Lys Arg Gln Arg Ser Ser Ser Pro
 85 90 95
 Glu Leu Met Arg Cys Lys Arg Arg Leu Asn Phe Ser Gly Phe Gly Tyr
 100 105 110

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Ser Leu Pro Gln Gln Gln Pro Ala Ala Val Ala Arg Arg Asn Glu Arg
115 120 125

Glu Arg Asn Arg Val Lys Leu Val Asn Leu Gly Phe Ala Thr Leu Arg
130 135 140

Glu His Val Pro Asn Gly Ala Ala Asn Lys Lys Met Ser Lys Val Glu
145 150 155 160

Thr Leu Arg Ser Ala Val Glu Tyr Ile Arg Ala Leu Gln Gln Leu Leu
165 170 175

Asp Glu His Asp Ala Val Ser Ala Ala Phe Gln Ala Gly Val Leu Ser
180 185 190

Pro Thr Ile Ser Pro Asn Tyr Ser Asn Asp Leu Asn Ser Met Ala Gly
195 200 205

Ser Pro Val Ser Ser Tyr Ser Ser Asp Glu Gly Ser Tyr Asp Pro Leu
210 215 220

Ser Pro Glu Glu Gln Glu Leu Leu Asp Phe Thr Asn Trp Phe
225 230 235

<210> 1814

<211> 68

<212> PRT

<213> Homo sapiens

<400> 1814

Met Val Tyr Tyr Pro Glu Leu Phe Val Trp Val Ser Gln Glu Pro Phe
5 10 15

Pro Asn Lys Asp Met Glu Gly Arg Leu Pro Lys Gly Arg Leu Pro Val
20 25 30

Pro Lys Glu Val Asn Arg Lys Lys Asn Asp Glu Thr Asn Ala Ala Ser
35 40 45

Leu Thr Pro Leu Gly Ser Ser Glu Leu Arg Ser Pro Arg Ile Ser Tyr
50 55 60

Leu His Phe Phe
65

<210> 1815

<211> 572

<212> PRT

<213> Homo sapiens

<400> 1815

Met Ser Tyr Gln Gly Lys Lys Ser Ile Pro His Ile Thr Ser Asp Arg

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				5				10				15			
Leu	Leu	Ile	Lys	Gly	Gly	Arg	Ile	Ile	Asn	Asp	Asp	Gln	Ser	Leu	Tyr
			20				25						30		
Ala	Asp	Val	Tyr	Leu	Glu	Asp	Gly	Leu	Ile	Lys	Gln	Ile	Gly	Glu	Asn
			35				40				45				
Leu	Ile	Val	Pro	Gly	Gly	Val	Lys	Thr	Ile	Glu	Ala	Asn	Gly	Arg	Met
		50				55					60				
Val	Ile	Pro	Gly	Gly	Ile	Asp	Val	Asn	Thr	Tyr	Leu	Gln	Lys	Pro	Ser
65					70					75		80			
Gln	Gly	Met	Thr	Ala	Ala	Asp	Asp	Phe	Phe	Gln	Gly	Thr	Arg	Ala	Ala
				85					90		95				
Leu	Val	Gly	Gly	Thr	Thr	Met	Ile	Ile	Asp	His	Val	Val	Pro	Glu	Pro
			100					105					110		
Gly	Ser	Ser	Leu	Leu	Thr	Ser	Phe	Glu	Lys	Trp	His	Glu	Ala	Ala	Asp
			115					120					125		
Thr	Lys	Ser	Cys	Cys	Asp	Tyr	Ser	Leu	His	Val	Asp	Ile	Thr	Ser	Trp
		130					135					140			
Tyr	Asp	Gly	Val	Arg	Glu	Glu	Leu	Glu	Val	Leu	Val	Gln	Asp	Lys	Gly
145					150					155		160			
Val	Asn	Ser	Phe	Gln	Val	Tyr	Met	Ala	Tyr	Lys	Asp	Val	Tyr	Gln	Met
			165					170					175		
Ser	Asp	Ser	Gln	Leu	Tyr	Glu	Ala	Phe	Thr	Phe	Leu	Lys	Gly	Leu	Gly
			180					185					190		
Ala	Val	Ile	Leu	Val	His	Ala	Glu	Asn	Gly	Asp	Leu	Ile	Ala	Gln	Glu
		195					200					205			
Gln	Lys	Arg	Ile	Leu	Glu	Met	Gly	Ile	Thr	Gly	Pro	Glu	Gly	His	Ala
		210					215					220			
Leu	Ser	Arg	Pro	Glu	Glu	Leu	Glu	Ala	Glu	Ala	Val	Phe	Arg	Ala	Ile
225					230					235		240			
Thr	Ile	Ala	Gly	Arg	Ile	Asn	Cys	Pro	Val	Tyr	Ile	Thr	Lys	Val	Met
			245					250					255		
Ser	Lys	Ser	Ala	Ala	Asp	Ile	Ile	Ala	Leu	Ala	Arg	Lys	Lys	Gly	Pro
			260					265					270		
Leu	Val	Phe	Gly	Glu	Pro	Ile	Ala	Ala	Ser	Leu	Gly	Thr	Asp	Gly	Thr
		275					280					285			
His	Tyr	Trp	Ser	Lys	Asn	Trp	Ala	Lys	Ala	Ala	Ala	Phe	Val	Thr	Ser

290 295 300
 Pro Pro Leu Ser Pro Asp Pro Thr Thr Pro Asp Tyr Leu Thr Ser Leu
 305 310 315 320
 Leu Ala Cys Gly Asp Leu Gln Val Thr Gly Ser Gly His Cys Pro Tyr
 325 330 335
 Ser Thr Ala Gln Lys Ala Val Gly Lys Asp Asn Phe Thr Leu Ile Pro
 340 345 350
 Glu Gly Val Asn Gly Ile Glu Glu Arg Met Thr Val Val Trp Asp Lys
 355 360 365
 Ala Val Ala Thr Gly Lys Met Asp Glu Asn Gln Phe Val Ala Val Thr
 370 375 380
 Ser Thr Asn Ala Ala Lys Ile Phe Asn Leu Tyr Pro Arg Lys Gly Arg
 385 390 395 400
 Ile Ala Val Gly Ser Asp Ala Asp Val Val Ile Trp Asp Pro Asp Lys
 405 410 415
 Leu Lys Thr Ile Thr Ala Lys Ser His Lys Ser Ala Val Glu Tyr Asn
 420 425 430
 Ile Phe Glu Gly Met Glu Cys His Gly Ser Pro Leu Val Val Ile Ser
 435 440 445
 Gln Gly Lys Ile Val Phe Glu Asp Gly Asn Ile Asn Val Asn Lys Gly
 450 455 460
 Met Gly Arg Phe Ile Pro Arg Lys Ala Phe Pro Glu His Leu Tyr Gln
 465 470 475 480
 Arg Val Lys Ile Arg Asn Lys Val Phe Gly Leu Gln Gly Val Ser Arg
 485 490 495
 Gly Met Tyr Asp Gly Pro Val Tyr Glu Val Pro Ala Thr Pro Lys Tyr
 500 505 510
 Ala Thr Pro Ala Pro Ser Ala Lys Ser Ser Pro Ser Lys His Gln Pro
 515 520 525
 Pro Pro Ile Arg Asn Leu His Gln Ser Asn Phe Ser Leu Ser Gly Ala
 530 535 540
 Gln Ile Asp Asp Asn Asn Pro Arg Arg Thr Gly His Arg Ile Val Ala
 545 550 555 560
 Pro Pro Gly Gly Arg Ser Asn Ile Thr Ser Leu Gly
 565 570

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<400> 1816

Met Thr Glu Arg Arg Arg Asp Glu Leu Ser Glu Glu Ile Asn Asn Leu
5 10 15

Arg Glu Lys Val Met Lys Gln Ser Glu Glu Asn Asn Asn Leu Gln Ser
20 25 30

Gln Val Gln Lys Leu Thr Glu Glu Asn Thr Thr Leu Arg Glu Gln Val
35 40 45

Glu Pro Thr Pro Glu Asp Glu Asp Asp Asp Ile Glu Leu Arg Gly Ala
50 55 60

Ala Ala Ala Ala Ala Pro Pro Pro Pro Ile Glu Glu Glu Cys Pro Glu
65 70 75 80

Asp Leu Pro Glu Lys Phe Asp Gly Asn Pro Asp Met Leu Ala Pro Phe
85 90 95

Met Ala Gln Cys Gln Ile Phe Met Glu Lys Ser Thr Arg Asp Phe Ser
100 105 110

Val Asp Arg Val Arg Val Cys Phe Val Thr Ser Met Met Thr Gly Arg
115 120 125

Ala Ala Arg Trp Ala Ser Ala Lys Leu Glu Arg Ser His Tyr Leu Met
130 135 140

His Asn Tyr Pro Ala Phe Met Met Glu Met Lys His Val Phe Glu Asp
145 150 155 160

Pro Gln Arg Arg Glu Val Ala Lys Arg Lys Ile Arg Arg Leu Arg Gln
165 170 175

Gly Met Gly Ser Val Ile Asp Tyr Ser Asn Ala Phe Gln Met Ile Ala
180 185 190

Gln Asp Leu Asp Trp Asn Glu Pro Ala Leu Ile Asp Gln Tyr His Glu
195 200 205

Gly Leu Ser Asp His Ile Gln Glu Glu Leu Ser His Leu Glu Val Ala
210 215 220

Lys Ser Leu Ser Ala Leu Ile Gly Gln Cys Ile His Ile Glu Arg Arg
225 230 235 240

Leu Ala Arg Ala Ala Ala Ala Arg Lys Pro Arg Ser Pro Pro Arg Ala
245 250 255

Leu Val Leu Pro His Ile Ala Ser His His Gln Val Asp Pro Thr Glu
260 265 270

Pro Val Gly Gly Ala Arg Met Arg Leu Thr Gln Glu Glu Lys Glu Arg
275 280 285

Arg Arg Lys Leu Asn Leu Cys Leu Tyr Cys Gly Thr Gly Gly His Tyr
290 295 300

Ala Asp Asn Cys Pro Ala Lys Ala Ser Lys Ser Ser Pro Ala Gly Asn
305 310 315 320

Ser Pro Ala Pro Leu
325

<210> 1817

<211> 357

<212> PRT

<213> Homo sapiens

<400> 1817

Met Leu Gln Ile His Leu Pro Gly Arg His Thr Leu Phe Val Arg Ala
5 10 15

Met Ile Asp Ser Gly Ala Ser Gly Asn Phe Ile Asp His Glu Tyr Val
20 25 30

Ala Gln Asn Gly Ile Pro Leu Arg Ile Lys Asp Trp Pro Ile Leu Val
35 40 45

Glu Ala Ile Asp Gly Arg Pro Ile Ala Ser Gly Pro Val Val His Glu
50 55 60

Thr His Asp Leu Ile Val Asp Leu Gly Asp His Arg Glu Val Leu Ser
65 70 75 80

Phe Asp Val Thr Gln Ser Pro Phe Phe Pro Val Val Leu Gly Val Arg
85 90 95

Trp Leu Ser Thr His Asp Pro Asn Ile Thr Trp Ser Thr Arg Ser Ile
100 105 110

Val Phe Asp Ser Glu Tyr Cys Arg Tyr His Cys Arg Met Tyr Ser Pro
115 120 125

Ile Pro Pro Ser Leu Pro Pro Pro Ala Pro Gln Pro Pro Leu Tyr Tyr
130 135 140

Pro Val Asp Gly Tyr Arg Val Tyr Gln Pro Val Arg Tyr Tyr Tyr Val
145 150 155 160

Gln Asn Val Tyr Thr Pro Val Asp Glu His Val Tyr Pro Asp His Arg
165 170 175

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Leu Val Asp Pro His Ile Glu Met Ile Pro Gly Ala His Ser Ile Pro
180 185 190

Ser Gly His Val Tyr Ser Leu Ser Glu Pro Glu Met Ala Ala Leu Arg
195 200 205

Asp Phe Val Ala Arg Asn Val Lys Asp Gly Leu Ile Thr Pro Thr Ile
210 215 220

Ala Pro Asn Gly Ala Gln Val Leu Gln Val Lys Arg Gly Trp Lys Leu
225 230 235 240

Gln Val Ser Tyr Asp Cys Arg Ala Pro Asn Asn Phe Thr Ile Gln Asn
245 250 255

Gln Tyr Pro Arg Leu Ser Ile Pro Asn Leu Glu Asp Gln Ala His Leu
260 265 270

Ala Thr Tyr Thr Glu Phe Val Pro Gln Ile Pro Gly Tyr Gln Thr Tyr
275 280 285

Pro Thr Tyr Ala Ala Tyr Pro Thr Tyr Pro Val Gly Phe Ala Trp Tyr
290 295 300

Pro Val Gly Arg Asp Gly Gln Gly Arg Ser Leu Tyr Val Pro Val Met
305 310 315 320

Ile Thr Trp Asn Pro His Trp Tyr Arg Gln Pro Pro Val Pro Gln Tyr
325 330 335

Pro Pro Pro Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro
340 345 350

Ser Tyr Ser Thr Leu
355

<210> 1818

<211> 102

<212> PRT

<213> Homo sapiens

<400> 1818

Met Ser Thr Gly Asn Thr Val Cys Ser Arg Tyr His Phe Tyr Val Arg
5 10 15

Val Asn Gln Ala Val Ile Trp Val Asp Val Leu Ile Tyr Trp Ser Val
20 25 30

His Ile Leu Asp Ile Val Ile Pro His Trp Leu Val Asn Ser Val Ser
35 40 45

Ile Tyr Trp Ile Ile Glu Trp Arg Leu Trp Cys Trp Trp Trp Glu Arg

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50 55 60

Trp Trp Tyr Trp Arg Ile His Pro Ala Val Val Ala Ala Val Phe Arg
65 70 75 80

Ile Lys Asp Asp Arg Ser Ser Ala Pro Cys Asp Ile Gly Ile Met Cys
 85 90 95

Ala Gln Pro Ala Asn Pro
 100

<210> 1819
<211> 831
<212> PRT
<213> Homo sapiens

<400> 1819
Met Glu Arg Ala Gly Ala Thr Ser Arg Gly Gly Gln Ala Pro Gly Phe
 5 10 15

Leu Leu Arg Leu His Thr Glu Gly Arg Ala Glu Ala Ala Arg Val Gln
 20 25 30

Glu Gln Asp Leu Arg Gln Trp Gly Leu Thr Gly Ile His Leu Arg Ser
 35 40 45

Tyr Gln Leu Glu Gly Val Asn Trp Leu Ala Gln Arg Phe His Cys Gln
 50 55 60

Asn Gly Cys Ile Leu Gly Asp Glu Met Gly Leu Gly Lys Thr Cys Gln
65 70 75 80

Thr Ile Ala Leu Phe Ile Tyr Leu Ala Gly Arg Leu Asn Asp Glu Gly
 85 90 95

Pro Phe Leu Ile Leu Cys Pro Leu Ser Val Leu Ser Asn Trp Lys Glu
 100 105 110

Glu Met Gln Arg Phe Ala Pro Gly Leu Ser Cys Val Thr Tyr Ala Gly
 115 120 125

Asp Lys Glu Glu Arg Ala Cys Leu Gln Gln Asp Leu Lys Gln Glu Ser
130 135 140

Arg Phe His Val Leu Leu Thr Thr Tyr Glu Ile Cys Leu Lys Asp Ala
145 150 155 160

Ser Phe Leu Lys Ser Phe Pro Trp Ser Val Leu Val Val Asp Glu Ala
 165 170 175

His Arg Leu Lys Asn Gln Ser Ser Leu Leu His Lys Thr Leu Ser Glu
 180 185 190

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Phe Ser Val Val Phe Ser Leu Leu Leu Thr Gly Thr Pro Ile Gln Asn
195 200 205

Ser Leu Gln Glu Leu Tyr Ser Leu Leu Ser Phe Val Glu Pro Asp Leu
210 215 220

Phe Ser Lys Glu Glu Val Gly Asp Phe Ile Gln Arg Tyr Gln Asp Ile
225 230 235 240

Glu Lys Glu Ser Glu Ser Ala Ser Glu Leu His Lys Leu Leu Gln Pro
245 250 255

Phe Leu Leu Arg Arg Val Lys Ala Glu Val Ala Thr Glu Leu Pro Lys
260 265 270

Lys Thr Glu Val Val Ile Tyr His Gly Met Ser Ala Leu Gln Lys Lys
275 280 285

Tyr Tyr Lys Ala Ile Leu Met Lys Asp Leu Asp Ala Phe Glu Asn Glu
290 295 300

Thr Ala Lys Lys Val Lys Leu Gln Asn Ile Leu Ser Gln Leu Arg Lys
305 310 315 320

Cys Val Asp His Pro Tyr Leu Phe Asp Gly Val Glu Pro Glu Pro Phe
325 330 335

Glu Val Gly Asp His Leu Thr Glu Ala Ser Gly Lys Leu His Leu Leu
340 345 350

Asp Lys Leu Leu Ala Phe Leu Tyr Ser Gly Gly His Arg Val Leu Leu
355 360 365

Phe Ser Gln Met Thr Gln Met Leu Asp Ile Leu Gln Asp Tyr Met Asp
370 375 380

Tyr Arg Gly Tyr Ser Tyr Glu Arg Val Asp Gly Ser Val Arg Gly Glu
385 390 395 400

Glu Arg His Leu Ala Ile Lys Asn Phe Gly Gln Gln Pro Ile Phe Val
405 410 415

Phe Leu Leu Ser Thr Arg Ala Gly Gly Val Gly Met Asn Leu Thr Ala
420 425 430

Ala Asp Thr Val Ile Phe Val Asp Ser Asp Phe Asn Pro Gln Asn Asp
435 440 445

Leu Gln Ala Ala Ala Arg Ala His Arg Ile Gly Gln Asn Lys Ser Val
450 455 460

Lys Val Ile Arg Leu Ile Gly Arg Asp Thr Val Glu Glu Ile Val Tyr
465 470 475 480

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T0E050 92954860

Arg Lys Ala Ala Ser Lys Leu Gln Leu Thr Asn Met Ile Ile Glu Gly
485 490 495

Gly His Phe Thr Leu Gly Ala Gln Lys Pro Ala Ala Asp Ala Asp Leu
500 505 510

Gln Leu Ser Glu Ile Leu Lys Phe Gly Leu Asp Lys Leu Leu Ala Ser
515 520 525

Glu Gly Ser Thr Met Asp Glu Ile Asp Leu Glu Ser Ile Leu Gly Glu
530 535 540

Thr Lys Asp Gly Gln Trp Val Ser Asp Ala Leu Pro Ala Ala Glu Gly
545 550 555 560

Gly Ser Arg Asp Gln Glu Glu Gly Lys Asn His Met Tyr Leu Phe Glu
565 570 575

Gly Lys Asp Tyr Ser Lys Glu Pro Ser Lys Glu Asp Arg Lys Ser Phe
580 585 590

Glu Gln Leu Val Asn Leu Gln Lys Thr Leu Leu Glu Lys Ala Ser Gln
595 600 605

Glu Gly Arg Ser Leu Arg Asn Lys Gly Ser Val Leu Ile Pro Gly Leu
610 615 620

Val Glu Gly Ser Thr Lys Arg Lys Arg Val Leu Ser Pro Glu Glu Leu
625 630 635 640

Glu Asp Arg Gln Lys Lys Arg Gln Glu Ala Ala Lys Arg Arg Arg
645 650 655

Leu Ile Glu Glu Lys Lys Arg Gln Lys Glu Glu Ala Glu His Lys Lys
660 665 670

Lys Val Ala Trp Trp Glu Ser Asn Asn Tyr Gln Ser Phe Cys Leu Pro
675 680 685

Ser Glu Glu Ser Glu Pro Glu Asp Leu Glu Asn Gly Glu Glu Ser Ser
690 695 700

Ala Glu Leu Asp Tyr Gln Asp Pro Asp Ala Thr Ser Leu Lys Tyr Val
705 710 715 720

Ser Gly Asp Val Thr His Pro Gln Ala Gly Ala Glu Asp Ala Leu Ile
725 730 735

Val His Cys Val Asp Asp Ser Gly His Trp Gly Arg Gly Gly Leu Phe
740 745 750

Thr Ala Leu Glu Lys Arg Ser Ala Glu Pro Arg Lys Ile Tyr Glu Leu
755 760 765

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Ala Gly Lys Met Lys Asp Leu Ser Leu Gly Gly Val Leu Leu Phe Pro
770 775 780

Val Asp Asp Lys Glu Ser Arg Asn Lys Gly Gln Asp Leu Leu Ala Leu
785 790 795 800

Ile Val Ala Gln His Arg Asp Arg Ser Asn Val Leu Ser Gly Ile Lys
805 810 815

Met Ala Ala Leu Glu Glu Gly Leu Lys Lys Ile Phe Leu Ala Ala
820 825 830

<210> 1820

<211> 212

<212> PRT

<213> Homo sapiens

<400> 1820

Met Leu Asn Lys Val Leu Ser Arg Leu Gly Val Ala Gly Gln Trp Arg
5 10 15

Phe Val Asp Val Leu Gly Leu Glu Glu Glu Ser Leu Gly Ser Val Pro
20 25 30

Ala Pro Ala Cys Ala Leu Leu Leu Leu Phe Pro Leu Thr Ala Gln His
35 40 45

Glu Asn Phe Arg Lys Lys Gln Ile Glu Glu Leu Lys Gly Gln Glu Val
50 55 60

Ser Pro Lys Val Tyr Phe Met Lys Gln Thr Ile Gly Asn Ser Cys Gly
65 70 75 80

Thr Ile Gly Leu Ile His Ala Val Ala Asn Asn Gln Asp Lys Leu Gly
85 90 95

Phe Glu Asp Gly Ser Val Leu Lys Gln Phe Leu Ser Glu Thr Glu Lys
100 105 110

Met Ser Pro Glu Asp Arg Ala Lys Cys Phe Glu Lys Asn Glu Ala Ile
115 120 125

Gln Ala Ala His Asp Ala Val Ala Gln Glu Gly Gln Cys Arg Val Asp
130 135 140

Asp Lys Val Asn Phe His Phe Ile Leu Phe Asn Asn Val Asp Gly His
145 150 155 160

Leu Tyr Glu Leu Asp Gly Arg Met Pro Phe Pro Val Asn His Gly Ala
165 170 175

Ser Ser Glu Asp Thr Leu Leu Lys Asp Ala Ala Lys Val Cys Arg Glu
180 185 190

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Phe Thr Glu Arg Glu Gln Gly Glu Val Arg Phe Ser Ala Val Ala Leu
 195 200 205

Cys Lys Ala Ala
 210

<210> 1821
 <211> 323
 <212> PRT
 <213> Homo sapiens

<400> 1821

Met Asp Ser Lys Tyr Gln Cys Val Lys Leu Asn Asp Gly His Phe Met
 5 10 15

Pro Val Leu Gly Phe Gly Thr Tyr Ala Pro Ala Glu Val Pro Lys Ser
 20 25 30

Lys Ala Leu Glu Ala Val Lys Leu Ala Ile Glu Ala Gly Tyr His His
 35 40 45

Ile Asp Ser Ala His Val Tyr Asn Asn Glu Glu Gln Val Gly Leu Ala
 50 55 60

Ile Arg Ser Lys Ile Ala Asp Gly Ser Val Lys Arg Glu Asp Ile Phe
 65 70 75 80

Tyr Thr Ser Lys Leu Trp Ser Asn Ser His Arg Pro Glu Leu Val Arg
 85 90 95

Pro Ala Leu Glu Arg Ser Leu Lys Asn Leu Gln Leu Asp Tyr Ala Asp
 100 105 110

Leu Tyr Leu Ile His Phe Pro Val Ser Val Lys Pro Gly Glu Glu Val
 115 120 125

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 130 135 140

Cys Ala Thr Trp Glu Ala Met Glu Lys Cys Lys Asp Ala Gly Leu Ala
 145 150 155 160

Lys Ser Ile Gly Val Ser Asn Phe Asn His Arg Leu Leu Glu Met Ile
 165 170 175

Leu Asn Glu Pro Gly Leu Lys Tyr Glu Pro Val Cys Asn Gln Val Glu
 180 185 190

Cys His Pro Tyr Phe Asn Gln Arg Lys Leu Leu Asp Phe Cys Lys Ser
 195 200 205

Lys Asp Ile Val Leu Val Ala Tyr Ser Ala Leu Gly Ser His Arg Glu

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210 215 220

Glu Pro Trp Val Asp Pro Asn Ser Pro Val Leu Leu Glu Asp Pro Val
225 230 235 240

Leu Cys Ala Leu Ala Lys Lys His Lys Arg Thr Pro Ala Leu Ile Ala
245 250 255

Leu Arg Tyr Gln Leu Gln Arg Gly Val Val Val Leu Ala Lys Ser Tyr
260 265 270

Asn Glu Gln Arg Ile Arg Gln Asn Val Gln Val Phe Glu Phe Gln Leu
275 280 285

Thr Ser Glu Glu Met Lys Ala Ile Asp Gly Leu Asn Arg Asn Val Arg
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Tyr Leu Thr Leu Asp Ile Phe Ala Gly Pro Pro Asn Tyr Pro Ile Ser
305 310 315 320

Asp Glu Tyr

<210> 1822
<211> 141
<212> PRT
<213> Homo sapiens

<400> 1822

Met Gly Phe Gln Lys Phe Ser Pro Phe Leu Ala Leu Ser Ile Leu Val
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20 25 30

Glu Ser Ser Pro Ala Asp Pro Ala Thr Leu Ser Glu Asp Glu Ala Arg
35 40 45

Leu Leu Leu Ala Ala Leu Val Gln Asp Tyr Val Gln Met Lys Ala Ser
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Glu Leu Glu Gln Glu Gln Glu Arg Glu Gly Ser Ser Leu Asp Ser Pro
65 70 75 80

Arg Ser Lys Arg Cys Gly Asn Leu Ser Thr Cys Met Leu Gly Thr Tyr
85 90 95

Thr Gln Asp Phe Asn Lys Phe His Thr Phe Pro Gln Thr Ala Ile Gly
100 105 110

Val Gly Ala Pro Gly Lys Lys Arg Asp Met Ser Ser Asp Leu Glu Arg
115 120 125

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Asp His Arg Pro His Val Ser Met Pro Gln Asn Ala Asn
 130 135 140

<210> 1823
 <211> 6188
 <212> DNA
 <213> Homo sapiens

<400> 1823

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<210> 1824
 <211> 866
 <212> DNA
 <213> Homo sapiens

<400> 1824
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<210> 1825
 <211> 234
 <212> PRT
 <213> Homo sapiens

<400> 1825
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 20 25 30
 Glu Gly Gln Thr Leu Asp Val Lys Cys Asp Tyr Thr Leu Glu Lys Phe
 35 40 45
 Ala Ser Ser Gln Lys Ala Trp Gln Ile Ile Arg Asp Gly Glu Met Pro
 50 55 60
 Lys Thr Leu Ala Cys Thr Glu Arg Pro Ser Lys Asn Ser His Pro Val
 65 70 75 80
 Gln Val Gly Arg Ile Ile Leu Glu Asp Tyr His Asp His Gly Leu Leu

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85

90

95

Arg Val Arg Met Val Asn Leu Gln Val Glu Asp Ser Gly Leu Tyr Gln
100 105 110

Cys Val Ile Tyr Gln Pro Pro Lys Glu Pro His Met Leu Phe Asp Arg
115 120 125

Ile Arg Leu Val Val Thr Lys Gly Phe Ser Gly Thr Pro Gly Ser Asn
130 135 140

Glu Asn Ser Thr Gln Asn Val Tyr Lys Ile Pro Pro Thr Thr Thr Lys
145 150 155 160

Ala Leu Cys Pro Leu Tyr Thr Ser Pro Arg Thr Val Thr Gln Ala Pro
165 170 175

Pro Lys Ser Thr Ala Asp Val Ser Thr Pro Asp Ser Glu Ile Asn Leu
180 185 190

Thr Asn Val Thr Asp Ile Ile Arg Val Pro Val Phe Asn Ile Val Ile
195 200 205

Leu Leu Ala Gly Gly Phe Leu Ser Lys Ser Leu Val Phe Ser Val Leu
210 215 220

Phe Ala Val Thr Leu Arg Ser Phe Val Pro
225 230

<210> 1826

<211> 192

<212> DNA

<213> Homo sapiens

<400> 1826

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<210> 1827

<211> 288

<212> DNA

<213> Homo sapiens

<400> 1827

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<210> 1828

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<211> 141
 <212> DNA
 <213> Homo sapiens

<400> 1828
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 aggatacagc tgagatccca g 141

<210> 1829
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 1829
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<210> 1830
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 <212> PRT
 <213> Homo sapiens

<400> 1830
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 35 40 45
 Arg Phe Trp Thr Pro Gln Thr Gly Pro Gly Glu Gly Arg His Glu Arg
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<210> 1831
 <211> 96
 <212> PRT
 <213> Homo sapiens

<400> 1831
 His Thr Gln Thr Gln Asn His Thr Ala Ser Pro Arg Ser Pro Val Met
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 Leu Gly Ser Arg Gln Lys Lys Ile Arg Ile Gln Leu Arg Ser Gln Cys
 35 40 45
 Ala Thr Trp Lys Val Ile Cys Lys Ser Cys Ile Ser Gln Thr Pro Gly
 50 55 60

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Ile Asn Leu Asp Leu Gly Ser Gly Val Lys Val Lys Ile Ile Pro Lys
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Glu Glu His Cys Lys Met Pro Glu Ala Gly Glu Glu Gln Pro Gln Val
85 90 95

<210> 1832

<211> 47

<212> PRT

<213> Homo sapiens

<400> 1832

His Thr Gln Thr Gln Asn His Thr Ala Ser Pro Arg Ser Pro Val Met
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Glu Ser Pro Lys Lys Lys Asn Gln Gln Leu Lys Val Gly Ile Leu His
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Leu Gly Ser Arg Gln Lys Lys Ile Arg Ile Gln Leu Arg Ser Gln
35 40 45

<210> 1833

<211> 37

<212> PRT

<213> Homo sapiens

<400> 1833

Val Leu Gly Arg Glu Met Arg Asp Met Glu Gly Asp Leu Gln Glu Leu
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His Gln Ser Asn Thr Gly Asp Lys Ser Gly Phe Gly Phe Arg Arg Gln
20 25 30

Gly Glu Asp Asn Thr
35

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FOUO 92061860